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Mass Miniature Radiography

A REPORT ON THREE YEARS' EXAMINATIONS IN ENGLAND AND WALES 1955–1957

by

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GENERAL NOTES

The following notes and definitions are provided to assist in the understanding and interpretation of the Study.

(a) **Examinee Groups** define broadly the type of population examined and to some extent the circumstances of such examination. The eleven groups can separately be described as:

(i) Out-patients and in-patients of hospitals. This group consists of the persons who were examined because they were patients in hospital (other than mental) or attending as out-patients.

(ii) H.M. Forces recruits consist of National Servicemen and new enlistments.

(iii) School-children. Children under 16 years of age, or in full attendance at school, are included in this group provided they were examined as school groups, either as "school leavers" or during B.C.G. vaccination programmes.

(iv) Contacts. Persons examined because of recent exposure to a known case of pulmonary tuberculosis are regarded as "contacts".

(v) Special Surveys. Persons examined during specific occupational or district surveys are included in this group.

(vi) Persons in factories and offices. Persons examined as groups in general surveys of factories and offices have been classified under this heading. It also includes persons examined regularly, such as staff at General Hospitals, ante-natal clinics, students, school-teachers, etc.

(vii) Persons in prisons, borstals, etc. Residents of institutions other than hospitals examined as a group make up this category.

(viii) General public volunteers. Persons examined at public sessions have been regarded as general public volunteers unless it was established that they were appropriate to another group, e.g. an expectant mother attending for X-ray at a public session, having been sent by an ante-natal clinic or referred by her doctor, would be included in the "Ante-natal cases" (see below).

(ix) Ante-natal cases. Patients sent from ante-natal clinics and expectant mothers referred to units by their doctors are included in this group.

(x) Persons residing in or employed at mental hospitals and mental institutions (Psychiatric hospitals). This group includes all patients and staff in such premises.

(xi) Persons referred by general practitioners. Those who attend for X-ray on the advice of their doctor or are referred to a unit by their doctor comprise this group. Ante-natal cases and contacts are excluded from the group even when they are referred to a unit by their doctor.

(b) **Age.** The age of each examinee at the time of examination has been used in the tabulations. Throughout the tables "all ages" categories include any cases of "not stated" age. Those "under 15 years of age" are excluded from the occupation, social class, etc., analyses.

(c) **Diagnosis.** To limit the count of abnormalities to significant conditions, details of those observed on large films were usually recorded, although if a firm diagnosis could be made from a miniature film this would be accepted. Cases of tuberculosis were classified under four headings:

A. Extent of lesions

B. Special characters of lesion

C. Result of bacteriological examination

D. Activity assessment

A record under each of these headings was made not later than six months after the initial examination. In the main, for tabulation purposes, the activity assessment categories have been put into two groups, viz:

(1) active tuberculosis

(2) healed, inactive or suspected tuberculosis

The first group, active tuberculosis, was defined for this purpose as tuberculosis requiring immediate treatment and/or close clinic supervision.

The second group comprises any other tuberculous cases.

Cases where tuberculosis was known to be present prior to the initial examination are excluded from the tabulations.

Details of the more important non-tuberculous abnormalities discovered have also been tabulated.

Abnormalities tabulated are those discovered among all examinees and not only those observed in the ten per cent sample of examinations (see page 3).

(d) **History.** Examinees found to have tuberculosis were asked if there was any "history" of the disease in their lives. The answers obtained have been categorised as follows:

1. Family history

2. Contact

Persons were regarded as "Contacts" if they had at any time been in close contact with a known case of respiratory tuberculosis in the household or the immediate circle of relatives and associates.

3. Past illness of tuberculous significance. Pleurisy, tuberculous cervical adenitis, erythema nodosum fall within this category.

4. No history

5. History not known or unobtainable.

Cases appropriate to more than one category have been tabulated under the combination of categories.

(e) **Occupation.** Occupations have been classified according to the information given by the examinee at the time of the examination in accordance with the *Census, 1951, Classification of Occupations*(1). Cases where no occupational description was recorded have been classified as not gainfully occupied.

(f) **Social Class.** Social classes have been determined solely by the occupational statement made by the examinee. There are five social classes and their general nature is sufficiently described below:

Class I - Professional, etc., occupations
Class II - Intermediate occupations
Class III - Skilled occupations
Class IV - Partly skilled occupations
Class V - Unskilled occupations

The specific assignment to these Classes of the occupational unit groups is set out in the *Census, 1951, Classification of Occupations*(1).

(g) **Socio-economic Group.** Socio-economic groups have been determined by the occupation of the examinee. There are thirteen socio-economic groups and a description of them and a comment on them appears on page 15 of volume 1 of the Registrar General's Decennial Supplement on Occupational Mortality(2a).

(h) **Large film recalls.** It was the practice of units to recall examinees for another examination not only if an abnormality was suspected but also when there was a flaw in the miniature film. Such re-examinations were made on large films.

(i) **Previous examination (result normal).** At the time of initial examination, examinees were asked if they had been examined before. For an earlier result to be classified as "normal" the examining unit had to confirm either through its own records or through the previous examining unit that no abnormality was found, but units were not expected to take steps to obtain the result of an earlier X-ray unless it was their normal practice to do so.

(j) **Area of residence.** Units were asked to record the address at which each person examined normally resided. Thus area tabulations relate to the area of normal residence of examinees and not to the place of examination.

(k) **Rates.** Except in Table 3, rates have been entered correct to one decimal place. The rates for non-tuberculous abnormalities (Table 3) have been corrected to two decimal places.

(l) **Standardised Abnormality Ratio (S.A.R.).** The meaning of this term is given on page 22. The method used for calculating a S.A.R. is similar to that used for the calculation of a Standardised Mortality Ratio (S.M.R.). The method adopted for the latter is outlined on page 17 of volume 1 of the Registrar General's Decennial Supplement on Occupational Mortality(2b).

(m) **Significance.** S.A.R.s calculated on less than 50 observed cases of tuberculosis or of cancer of the lung are distinguished in italic type and those on less than 10 have also been enclosed in brackets.

(n) **Symbols.** The symbol ∞, where used to express a rate, indicates that whilst cases of tuberculosis or cancer of the lung were observed, no examinees were included in the ten per cent sample - see page 3.

Where it has been used to express the value of a S.A.R., it indicates that whilst cases of tuberculosis or cancer of the lung were observed, none was expected (i.e. the calculated number of expected cases was less than 0.5).

INTRODUCTION

The Mass Radiography Service commenced in this country in 1943. By 1945 there were 18 units in service which had made just under 800,000 examinations in the two years since its commencement. Since that time the number of units has steadily increased until in 1959 there were 85 units who made between them 3,581,070 examinations in that year. In the middle of 1954 the responsibility for the statistical analysis of the results of these examinations was taken over by the General Register Office at the request of the Ministry of Health.

Although statistical data are collected on many aspects of the units' work no large-scale analysis has been attempted previously and it was therefore thought desirable to combine and report on the first three complete years' experience of the General Register Office. This volume is the outcome. A large amount of tabular matter is presented which, it is hoped, will be of value to research workers and others interested in tuberculosis and other chest diseases. The commentary which precedes the tables draws attention to some of the salient findings and contains warnings as to the validity of the data.

It may not be out of place here to give a general warning on the interpretation of mass miniature radiography (M.M.R.) statistics. Except under special circumstances the findings of M.M.R. surveys yield information on the prevalence of disease among those examined and not on its incidence. That is, it tells about the number of cases already in existence and not previously diagnosed and not the number of new cases appearing in a defined period. A further, and more difficult point, is that very little is known about the type of person who comes for a mass radiography examination. Only one thing can be said with almost complete certainty: for reasons discussed later in this commentary, he or she is not representative of the "average person". To attempt to overcome this, subdivisions of the data have been made, e.g. into whether the examinee was referred by his general practitioner, whether he or she had had a previous examination, etc. But this does not overcome the main difficulty that the findings presented here cannot be extrapolated to the community at large. Except on very rare occasions these specific findings should be considered only in relation to the persons who volunteer for mass radiography. But on the basis of these findings, certain general conclusions may be reached which it is probable would also apply to the total population and it is in these conclusions that the interest of M.M.R. statistics chiefly lies.

As the number of cases of tuberculosis in the community decreases, more consideration will have to be given to the methods by which infected persons can be discovered and *pari passu* with this how the M.M.R. units can be more efficiently used. It is hoped that the data given in this report will be of assistance in achieving that end.

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Without the assistance of the Medical Directors of the units and their staffs who provided this Office with the basic material for analysis, no study would have been possible. Acknowledgment is therefore made to them for their co-operation in rendering the necessary returns and indeed for their continuing co-operation.

THE POPULATION EXAMINED

The number of examinations carried out by mass miniature radiography units between 1955 and 1957 is shown in Table 1 (page 31). These provide the denominators for many of the abnormality rates shown in later tables. The figures are based on a ten per cent quasi-random sample of all examinations; in the table they have been multiplied by ten to give the estimated actual number of examinations.

The constitution of the different examinee groups is shown in the general notes on page vii. For most purposes, however, the examinees have been divided into two main groups, those referred by general practitioners, and the remainder, termed "public examinees" in this report. This is because many patients are referred to M.M.R. units by their own doctor to confirm or exclude the presence of any serious pulmonary pathological processes. Hence the abnormality rate in this group tends to be considerably higher than that found in other groups which consist largely of persons who are apparently free of chest disease, although there are many exceptione to this rule.

No separate analysis has been made of the findings by static as opposed to mobile M.M.R. units. Although there is no doubt that the two types of units see a different class of examinee, it was felt that the subdivision according to type of examinee would be the more valuable.

Between 1955 and 1957, 10,607,860 M.M.R. examinations were carried out; 55 per cent of the examinees were male and 45 per cent female. Of all examinations 5.5 per cent were referred by general practitioners; just over half of these referred to males. The table below shows, by age and sex, the examination rate per 1,000 population per annum, based upon the estimated population of England and Wales at mid-1956.

Type of examination	Sex	Examination rate per 1,000 population per year								
		Under 15	15-	20-	25-	35-	45-	55-	65 and over	All ages
Public examinee	M	30.7	194.9	140.3	127.8	113.0	91.5	71.7	22.7	86.2
	F	31.0	186.8	153.1	94.3	75.1	58.6	35.2	11.7	64.2
G.P. referrals	M	1.2	5.1	7.0	6.4	5.7	5.8	6.4	3.1	4.6
	F	1.2	7.9	9.6	7.4	5.4	3.8	3.0	1.3	4.1

Most children examined by M.M.R. are in the upper ages of the under 15 age-group, and are not spread evenly throughout the group.

The ages at which the highest examination rate among public examinees is seen are 15-19 years. Above that age-group the rate falls steadily and faster for women than for men. Many of the 15-19 age-group were children about to leave school, and H.M. Forces recruits are also included, hence an element of regimentation no doubt contributed to the high rate. The same cannot be said for the 20-24 year age-group and it is interesting to note that young people are more ready to present themselves for examination than their elders. With older women, home duties no doubt contribute to the lower rate than among the men, as most will not be able to be examined by M.M.R. units on their visits to factories and offices. The fall off in the rate of older compared with younger males cannot be explained on similar grounds, however, and the main reason for the decline of the examination rate with increasing age would appear to be the result of changing attitudes. The increasing frequency with which older persons are referred to hospital will also play a part.

The age trends among persons referred for M.M.R. examination by their general practitioners is not clear for men, although for women it is similar to that for the public examinees. Persons referred by their general practitioners are obviously a very different group from the public examinee, but it would be very difficult to make any accurate assessment of their nature. Presumably many of them have vague respiratory symptoms, many may have obvious chest disease, although it is assumed that most of those with frank disease would be referred to hospital in the first instance. This would appear to be borne out by the fact that the examination rate does not rise with increasing age. The type of unit may also be a factor although this was not analysed. A mobile unit visiting an area may be used by a G.P. when it is easier to do so than send a patient to hospital. On the other hand a static unit may be used more than the local hospital by local practitioners because of the ease with which a chest X-ray can be obtained.

The rates given in the table above do not take into account previous examinations which may have been carried out on the same person. For example, Table 4 shows that just under 3,600,000 examinations performed on public examinees in the period 1955-57 were on persons who stated that they had not been previously examined. This is equivalent to 39.6 per cent of all examinees in the public examinee group. Of the remainder, almost all had been examined previously, although not necessarily in the period under review. At the same time many were examined on at least two and probably more occasions in the same period (see evidence provided by Table 5).

The discussion on page 19 concerning the occupation of examinees suggests that the ease of obtaining examination is one of the prime factors to be considered, but others of importance will be the psychological attitude towards disease, the examinee's history of chest disease, environment, etc.

In considering many of the findings presented in this publication, therefore, it is well to remember that the population examined consists of not only public examinees and persons referred by general practitioners, but also of persons never examined previously and of persons examined on numerous occasions.

Large film recalls

Table 9 (page 123) shows the numbers of examinees recalled for large film and the rates per 1,000 examinees. The numbers recalled only bear a partial relationship to abnormalities found, for examinees will also be recalled when the miniature film had any flaws in it or when, for any reason, the interpretation was doubtful. Similarly the size of the miniature film may play a part in determining the percentage recalled. A diagnosis can often be made on a 100mm film, which with a 35mm film would require a large film for confirmation.

Out of approximately 10½ million examinations performed in the three years 1955-57, there were 383,640 recalls for a large film, representing a recall rate of 36.2 per 1,000 examinations. As might be expected the recall rate increased with age in both sexes and was higher in cases referred by general practitioners than in all other groups. Of general practitioners' cases, 11.8 per cent were recalled compared with 3.1 per cent of other examinee groups.

Table 10 shows the number of examinees who failed to return for a large film or examination when called, together with rates per 1,000 examinations. It is known that some units used this general heading when it had not been possible to establish whether a person had attended his own doctor or the chest clinic, and therefore no diagnosis had been obtained. It is possible therefore that there has been some overstatement of the true position. The number failing to return will naturally bear some relationship to the number recalled for large film and the table below shows the rate of failure to return per 1,000 recalled, by age, sex, and type of examinee.

Persons failing to return for large film or examination per 1,000 recalled for large film, by age, sex and type of examinee

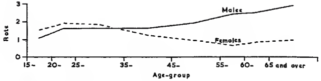
	Sex	Under 15	15-	20-	25-	35-	55-	65 and over	Not stated	All ages
All examinee groups other than persons referred by General Practitioners	M	30.3	51.7	54.7	35.1	34.2	34.0	47.3	15.8	38.3
	F	36.8	32.1	30.2	28.9	33.1	40.3	52.4	30.8	34.0
Persons referred by General Practitioners	M	30.7	28.9	38.4	37.7	23.1	20.5	23.1	*100.0*	25.5
	F	26.3	22.7	21.2	19.9	21.2	20.3	31.2	*100.0*	22.1

As might be expected, failure to return occurs less frequently among persons of nearly all ages referred by general practitioners.

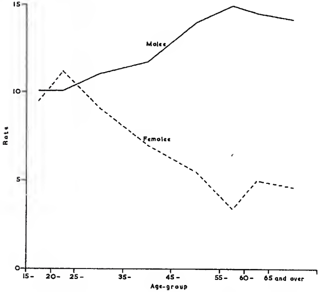
There are other interesting age and sex trends in the failure to return such as the higher proportion of older women not returning when compared with men or with younger members of their own sex. It would not be difficult to offer explanations for some of these trends involving attitudes to mass miniature radiography and diseases that the examinee thinks that he or she might have. They would, however, be entirely unsupported by evidence. Nevertheless, there are interesting questions raised by this table which might repay further study.

Active Tuberculosis rates per thousand examinations by examinee groups

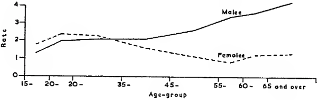
(1) Public examinees



(2) General Practitioner referrals



(3) All examinee groups



TUBERCULOSIS

The number of cases of active tuberculosis discovered by M.M.R. examination between 1955 and 1957 is shown in Table 2 (page 32). Active tuberculosis is defined in the general notes on page viii as tuberculosis requiring immediate treatment and/or close clinic supervision. Cases known to be tuberculous prior to the examination have been excluded from this *and all subsequent tables.*

In all, 20,501 cases of active tuberculosis were diagnosed by M.M.R. between 1955 and 1957, a rate of 1.93 per 1,000 examinations. During the same period there were 95,074 cases of respiratory tuberculosis notified to medical officers of health. Thus 21.6 per cent of all notifications of the disease were made as a result of M.M.R. It might be assumed that all those cases diagnosed among G.P. referrals would have been diagnosed elsewhere had M.M.R. not been available. On the other hand, the great majority of public examinees with tuberculosis were diagnosed while relatively symptom free. The 14,836 cases found among public examinees represented 15.6 per cent of all notifications during the period under review.

The age and sex distribution of the active tuberculosis rate is shown in Diagrams 1-3. Among men, the rate tended to rise with increasing age although for cases referred by general practitioners there is a slight reduction in the active tuberculosis rate above 60 years of age. The peak for women, on the other hand, is reached at 20-24, where rates for G.P. referrals and other groups were both higher than for males.

Among all examinee groups the active tuberculosis rate was higher among girls and young women, but above the age of 35 men showed a higher rate.

In both sexes and at all ages the highest active tuberculosis rate was found among persons referred by general practitioners with the exception of men aged 45-64 in the group of examinees from prisons, borstals, etc. This group also includes persons staying at National Assistance Hostels.

As might be expected, the tuberculosis rate among persons known to have been in close contact with the disease was higher than among public examinees as a whole. It should not be assumed, however, that the rate for public examinees is representative of the rate among the community, for several surveys (see references on page 26) have shown that those who have respiratory tuberculosis are often among the last to volunteer for radiography. It is probable therefore that the rate for general public volunteers somewhat understates the true position.

Psychiatric hospitals, etc. have often been regarded in recent years as places where tuberculosis is especially prevalent. That this is not the case can be seen from Table 2 which shows that the tuberculosis rate for these hospitals is only slightly higher than among general public volunteers.

Although the picture presented by Table 2 of the low prevalence of tuberculosis is generally encouraging, complacency would be out of place, for if it is assumed that active tuberculosis exists in the community in approximately the same proportion as it is found in persons in factories, etc. and in general public volunteers (and this is almost certainly an under-estimate) then there are still over 50,000 and probably 75,000 cases of unrecognised active tuberculosis among persons over 15 in this country.

Tuberculosis in persons previously examined

Information contained in Table 4 and summarised below gives the active tuberculosis rate by age and sex in persons who stated that they had never been examined before and who were in the public examinee group. This is compared with the rate among those who have had a previous examination at some former date, the result of which was not known to be definitely abnormal.

	Sex	Active tuberculosis rate per 1,000 examinations						
		15-	20-	25-	35-	55-	65 and over	All ages
No previous examination	M	1.11	2.01	2.56	3.22	4.37	3.78	2.60
Previous examination	M	1.01	1.26	1.11	1.07	1.49	1.86	1.15
Ratio of above		1.1	1.6	2.3	3.0	2.9	2.0	
No previous examination	F	1.62	2.66	2.68	1.63	0.98	1.05	1.89
Previous examination	F	1.35	1.52	1.21	0.59	0.35	0.65	1.04
Ratio of above		1.2	1.8	2.2	2.8	2.8	1.6	

As might be expected, active tuberculosis was found more frequently among those persons who had not been examined previously. The maximum rate was seen in males of 55-64, falling off slightly in those of 65 years and over. This slight decline may not be a real one as the group of men examined at that age would probably be of a different constitution from those examined during normal working life.

The maximum rate for women was found between 20 and 35 years of age. Those who had been examined previously and who were found normal on that occasion present a selected group worthy of further analysis according to the time since the previous examination. This has been done in Table 5.

Table 5(b) (page 68) shows the data mentioned above for active tuberculosis by age and sex of the examinee.

Those persons referred by general practitioners have a much higher prevalence of tuberculosis than the public examinees and although the abnormality rate tends to increase slightly with the time since the previous X-ray there is no real trend noticeable.

Among the public examinees it will be seen that the active tuberculosis rate among those persons X-rayed less than a year before is generally higher than those examined between one and two years previously. It is possible that some of them developed symptoms soon after their first examination. Related to this might be another reason. There must always be some error in the reading of M.M.R. films and it is conceivable that certain persons, who presented themselves for X-ray becauee they had symptoms, would re-present themselves if these symptoms did not clear up and be found to have an abnormality at the second attempt. Though possible, this seems unlikely to account for more than a small part of the disparity as it implies quite a large error rate and also that a sizeable proportion of the population who are "public examinees" are examined because they feel ill. Another explanation is that it is known that a few people with tuberculosis "check" on their diagnosis by presenting themselves as normal members of the public. Clerical errors may also be responsible.

When the interval since the previous examination exceeded one year, the tuberculosis rate increased with the period since the previous examination. With males the active tuberculosis rate is approximately the same at all ages for similar periods since the previous examination. This is interesting because it might imply that in this particular selected population of adult males the incidence of tuberculosis is the same regardless of age. The group is selected because its members have previously been examined and cleared of most, if not all, cases of active tuberculosis.

For females the position is different. With increasing age the tuberculosis rate found falls off, and this occurs regardless of the time since the previous examination. Whether this is the result of some inherent differences in the reaction of the two sexes to tuberculosis infection or whether it is simply the result of less opportunity for infection among the older women cannot be decided on this evidence alone, for it appears to be part of the problem of the relationship of sex and age to the incidence of tuberculosis.

Among all examinee groups the incidence of tuberculosis among a previously tuberculosis-free group of the population in 1955-57 appeared to be of the order of 0.5 per 1,000 per annum in males and slightly less in females, although between the ages of 15 and 24 women have as great an incidence as the men. These incidence rates are possibly somewhat below the true figure because cases of tuberculosis will also have been diagnosed by other means.

Table 5(c) (page 71) shows the active tuberculosis rate by sex and time since previous examination (result normal) according to the social class of the examinee. Two age-groups are distinguished. The findings are similar to those discussed above with the addition that the incidence of tuberculosis is generally higher among less skilled workers when age, sex and time since previous examination are all held constant. This helps to confirm that the incidence of disease is higher in Social Classes IV and V and that the reason for the higher mortality in these classes is not purely the result of less resistance to the disease once infection has gained a hold.

The diagnosis of tuberculosis

During the years under review unit directors and chest physicians were asked to make an activity assessment of all cases of tuberculosis found at Mass X-ray. This assessment was classified into five groups (a) presumed healed, no further action needed, (b) suspect tuberculosis, not yet confirmed, (c) occasional supervision only needed, (d) close clinic supervision needed, (e) requiring immediate treatment. Throughout most of this report only the last two groups have been considered, grouped together and known within the context of the report as "active" tuberculosis.

The doctors concerned were asked to record the extent of the lesion, its character, and the result of bacteriological tests for tubercle bacilli in all cases finally assessed as suffering from or having recovered from tuberculosis, and Table 6 (page 76) shows these findings and compares one character against another in a set of two-way tables. Tables have been produced by sex and for three different age-groups, under 25, 25-54, and 55 and over. Many of the findings were to have been expected. Thus only very few cases of "inactive" (i.e. not active) tuberculosis had a positive sputum test. It is not proposed to make a full analysis of the data and only a few salient points will therefore be discussed here. It is hoped that research workers will be able to make use of the data.

The table below shows the percentage of cases of "active" tuberculosis diagnosed at Mass X-ray in which the tubercle bacillus was found - by any method. It also shows the percentage of active cases in which no bacteriological tests were stated to have been made on behalf of the chest physician or unit director.

		Age			
		Under 25	25-54	55 and over	All ages
Males	Percentage of "active" cases in which tubercle bacillus was found	29.5	40.9	45.2	39.4
	No examination made	32.3	19.6	17.5	21.8
Females	Percentage of "active" cases in which tubercle bacillus was found	24.3	33.0	34.7	29.3
	No examination made	37.3	26.6	25.0	31.2

The proportion of cases in which no bacteriological examination was made was much larger in the under 25 age-group than in either of the other two. Because of this it is difficult to state with any certainty whether the rise in the percentage of bacteriologically positive cases with age is a real or apparent one.

The table below shows the percentage of cases of "active" tuberculosis with different extents of lesion according to the age and sex of the patient.

Age	Unilateral tuberculosis				Bilateral tuberculosis		Not stated or no pulmonary lesion	
	Not greater than 2 interspaces		Greater than 2 interspaces					
	M	F	M	F	M	F	M	F
Under 25	50.3	50.4	20.4	18.5	24.8	28.1	4.5	3.0
25-54	38.5	42.6	20.3	20.0	40.2	36.3	1.0	1.1
55 and over	27.3	32.9	22.9	21.6	49.2	44.8	0.6	0.7
All ages	38.8	45.5	20.8	19.4	38.8	33.2	1.6	1.9

These data show that the older the patient the more widespread is likely to be his lesion. Although there is a slight tendency for lesion in women to be smaller than in men the similarity of the picture presented for the two sexes is striking.

Both the tables above emphasise the advanced stage that the disease can reach in the older person while still presumably relatively free of symptoms.

In analysing these data it should always be borne in mind that they only represent those cases of tuberculosis diagnosed by mass miniature radiography and any conclusions drawn must always take this into account.

The history of tuberculous cases

Table 7 (page 92) shows for cases of tuberculosis, the number with positive family or contact histories or with a history of past illness of tuberculous significance. This information is given according to the age and sex of the patient and according to social class groupings.

The table below shows the percentage of cases with a positive history according to the age and sex of the patient. Persons giving a history which is positive in more than one respect are included in each group.

Tuberculous history	Sex	Percentage of cases of active tuberculosis with positive history							
		Under 15	15-	20-	25-	35-	55-	65 and over	All ages
Family history	M	18.0	11.7	10.7	11.9	9.8	9.1	7.0	10.5
	F	20.3	14.1	13.5	13.8	14.9	13.1	11.7	14.3
Contact	M	15.0	11.8	9.9	11.1	8.5	7.1	5.5	9.3
	F	20.5	14.0	13.0	13.4	12.9	14.1	11.7	13.7
Past illness	M	8.0	9.3	10.0	10.5	15.4	18.9	19.0	13.9
	F	6.6	6.6	7.9	12.2	17.3	23.1	15.6	11.7
No history	M	69.9	75.2	76.0	74.9	73.9	72.0	74.3	74.1
	F	67.0	74.6	74.3	71.2	86.1	62.4	70.1	70.6

Of those cases of active tuberculosis diagnosed with the help of mass miniature radiography over 70 per cent give no history in their family, of contact with the disease, or of past illness.

The percentage of cases with a positive family history is highest at the younger ages. This might be expected on the grounds that at this age there is likely to be more contact with the family or it may be explained by family events being more easily recalled. Contact history is also more common at the younger ages possibly for the same reasons as those given for family history. On the other hand, a history of past illness of tuberculous significance was found more frequently among the older age-groups.

Generally contact and family history were more commonly found with cases of tuberculosis in women. It is difficult to say whether this is a real difference. It is possible that a woman, and particularly an older one, is more likely to contract tuberculosis from her husband than the husband from his wife. The husband with his greater opportunity for outside contact is more likely to bring infection into the home. On the other hand, these findings could be the result of women remembering more readily than men the persons with whom they have come into contact who may have had tuberculosis.

The table below summarises tuberculous histories given by patients with active tuberculosis in different social class groups.

Social Class Group	Percentage of cases of active tuberculosis with positive history					
	Contact		Family history		Past illness	
	M	F	M	F	M	F
I and II	9.6	16.2	8.8	14.7	15.0	10.4
III	9.7	12.2	10.8	13.2	14.0	10.1
IV and V	8.3	12.9	10.5	13.9	14.5	10.9

There seemed to be no relationship between the proportion of patients with positive history and the patients' social class.

Table 8 (page 96) gives details of the number of examinations made, together with the number of cases and rates of active tuberculosis and cancer of the lung discovered at M.M.R. among residents in the metropolitan and county boroughs and administrative counties of England and Wales. The data is given according to whether the examinee was referred by a general practitioner or not, by sex and in two age-groups (under 35 years of age and 35 years and over).

In interpreting these findings it should be remembered that there will be considerable variation because of the multiplicity of local factors which can influence results without indicating differences in the prevalence of tuberculosis. Examples of these factors are given below:

(i) The number of visits paid to each area by the M.M.R. unit.

(ii) The type of publicity used and whether it was directed at general practitioners or at the general public.

(iii) The availability and adequacy of local hospitals or chest clinics.

(iv) The diagnostic criteria of the unit director or local chest physician.

All these and many other factors may play their part in producing a high or low rate in any one area. That there are considerable variations can be seen from a cursory glance at the data. These variations cover not only the number of cases of chest disease found but also the number of the population examined. The table on page 14 shows the active tuberculosis rate diagnosed by M.M.R. in different hospital regions. Even in large groups such as these wide variations are seen which seem most likely to reflect differences in policy rather than differences in prevalence.

With these difficulties in mind it would be difficult for any one person to produce a meaningful analysis. Nevertheless, the data are being published in the hope that those more intimately acquainted with local conditions may learn something of value.

Table showing numbers of examinations and cases of active tuberculosis discovered by hospital region of residence and sex, distinguishing those referred by general practitioners. Rates per 1,000 examinations

Hospital region of residence		Males			Females		
		Number of examinations	Number with active t.b.	Rate	Number of examinations	Number with active t.b.	Rate
1. Newcastle	Public examinees	386,180	555	1.5	340,600	598	1.7
	General Practitioner referrals	23,660	281	11.9	22,960	179	7.6
	All examinees	389,840	836	2.1	363,760	775	2.1
2. Leeds	Public examinees	270,710	443	1.6	224,020	286	1.3
	General Practitioner referrals	5,150	57	11.1	5,180	51	9.9
	All examinees	275,860	500	1.6	229,180	337	1.5
3. Sheffield	Public examinees	559,460	910	1.6	423,550	554	1.3
	General Practitioner referrals	20,550	352	17.1	19,450	213	11.0
	All examinees	580,010	1,262	2.2	443,000	787	1.7
4. East Anglia	Public examinees	182,090	201	1.1	128,780	134	1.0
	General Practitioner referrals	320	4	12.5	390	2	5.1
	All examinees	182,410	205	1.1	129,170	136	1.1
5. North West Metropolitan	Public examinees	486,150	784	1.6	379,220	436	1.1
	General Practitioner referrals	37,100	316	8.5	35,070	206	5.9
	All examinees	523,250	1,100	2.1	414,290	642	1.5
6. North East Metropolitan	Public examinees	344,410	433	1.3	265,760	265	1.0
	General Practitioner referrals	11,060	95	6.6	10,740	39	3.6
	All examinees	355,470	528	1.5	276,500	304	1.1
7. South East Metropolitan	Public examineea	462,990	1,262	2.6	408,940	752	1.8
	General Practitioner referrals	9,320	130	13.9	9,820	65	6.6
	All examinees	492,310	1,392	2.8	418,760	617	2.0
8. South West Metropolitan	Public examinees	626,300	970	1.5	525,390	607	1.2
	General Practitioner referrals	31,640	291	9.2	35,030	167	4.8
	All examinees	657,940	1,261	1.9	560,420	774	1.4
9. Oxford	Public examineea	242,780	326	1.4	169,860	175	1.0
	General Practitioner referrals	450	4	8.9	550	2	3.6
	All examinees	243,230	332	1.4	170,430	177	1.0
10. South Western	Public examinees	399,100	462	1.2	322,890	361	1.1
	General Practitioner referrals	19,630	203	10.3	22,180	121	5.5
	All examinees	418,730	665	1.6	345,050	482	1.4
11. Welsh	Public examinees	376,980	506	1.3	311,100	399	1.3
	General Practitioner referrals	6,920	59	6.6	6,260	56	8.8
	All examinees	385,900	565	1.5	319,360	455	1.4
12. Birmingham	Public examinees	524,850	907	1.7	404,820	662	1.6
	General Practitioner referrals	75,640	1,100	14.5	66,280	602	9.1
	All examinees	600,490	2,007	3.3	471,100	1,264	2.7
13. Manchester	Public examinees	472,030	690	1.5	358,640	434	1.2
	General Practitioner referrals	8,340	64	10.1	8,120	65	6.0
	All examinees	460,370	774	1.6	366,760	499	1.4
14. Liverpool	Public examinees	233,300	398	1.7	194,800	328	1.7
	General Practitioner referrals	45,080	520	11.5	41,090	401	9.8
	All examinees	278,380	916	3.3	235,690	729	3.1

OTHER DISEASES DIAGNOSED WITH THE AID OF MASS MINIATURE RADIOGRAPHY

Table 3 (page 34) shows details of certain non-tuberculous abnormalities diagnosed by Mass Miniature Radiography between 1955 and 1957. While there is no reason to believe that any bias existed in the recording of these abnormalities according to the age and sex of the examinee, it is known that certain units did not record abnormalities which were relatively trivial in their effect on the patient or whose existence was known prior to the examination. Thus radiological evidence of pulmonary fibrosis may or may not have been mentioned according to the practice of the particular reader concerned. As a result of this, for most of the conditions mentioned in this table the prevalence of the disease will be greater than is indicated by the abnormality rate, although the relative frequency in different age and sex groups may be shown. On the other hand, with tumours of the lung and bony thorax, and probably also with sarcoidosis there is little reason to doubt that all cases diagnosed by M.M.R. have been recorded.

With the one exception of congenital malformations of the lungs (where, for males, they were equal) the abnormality rates were generally higher among persons referred by general practitioners than among other examinee groups. The amount of this difference varied considerably but was highest among patients with bacterial and virus infections of the lungs where the abnormality rate among males of all ages was 28 times higher among persons referred by general practitioners. This was to have been expected, for patients with these conditions have usually been actually ill and have been seen by a doctor before being X-rayed. Conversely, the patients with the more chronic types of chest disease may be unaware of their illness at all, or be X-rayed, for example, because they had a cough. In this way the general practitioner will have been less likely to have seen the patient than would be the case with the acute respiratory disease.

Tumours of bony thorax

Tumours of the bony thorax were recorded in 206 cases, the all ages rate being higher in males than in females. The abnormality rate tended to increase with age in both sexes, although the numbers of cases were very small.

Congenital malformations of lung

In contrast with the above, the abnormality rate for congenital malformations of the lungs tended to fall with age. As might be expected, the highest rate among all examinee groups was found in children under 15 years of age where 0.19 congenital malformations per 1,000 examinations were discovered among males and 0.11 among females. It would seem probable that the two rates quoted above provide a fair estimate of the prevalence of these conditions among the *apparently fit* section of the community.

Infections of the lungs

Data on infections of the lungs are difficult to interpret without knowing considerably more about the reason for which people were X-rayed. It is obvious that many patients were sent for X-ray by their own doctors either because they were recovering from a respiratory infection or because they were ill and their doctor wished for radiographic assistance in making a diagnosis. These will account for the high abnormality rate among cases referred by general practitioners. On the other hand, a large number of the abnormalities of this group found among the other examinee groups were probably symptomless. The abnormality rates in both groups of examinees were higher among males at all ages.

Bronchiectasis and pulmonary fibrosis

Cases of bronchiectasis reported after M.M.R. numbered 12,154 or 1.1 per 1,000 examinations. Of those patients referred by general practitioners, children under 15 had a high prevalence of bronchiectasis. This high rate fell off during adolescence and early adult life but began to rise again after 25 years of age with higher rates among males than females. Among other examinee groups an increase in prevalence was seen among persons over 35 but the high rate among children was absent. An apparent anomaly, shown by a relatively high rate among male examinees aged 15-24, was almost entirely due to a somewhat higher rate found among H.M. Forces recruits. This might have been due to the existence of a bias towards sending for M.M.R. those recruits with suspected respiratory disease.

A somewhat similar picture to that presented for bronchiectasis is also shown by pulmonary fibrosis except that the increased prevalence in the older age-groups is much more marked.

Benign tumours of lung

In all, 2,347 benign tumours of the lung were reported after M.M.R. examination, compared with 4,958 cases of malignant tumours (either primary or secondary). Among all types of examinees over 35 years of age the prevalence of the benign form was higher among females than males. A further point of interest is that while, in general, the abnormality rate was higher among cases referred by general practitioners, the excess over all other examinee groups was very much smaller than for most other conditions, presumably because so many cases were symptomless.

Cancer of lung

A completely different situation was recorded for cancer of the lung. For this condition the well-known predominance of male cases and the marked increase of prevalence with age are both shown. As might be expected the abnormality rate was much higher among patients referred by general practitioners than among other examinees, being about ten times as great for the older patients, although the ratio tends to decrease with age.

It must be assumed that nearly all cases of cancer of lung diagnosed will die within a few years. Between 1955 and 1957, there were 4,958 cases diagnosed by M.M.R. and between 1956 and 1958 there were 56,945 deaths assigned to carcinoma of the trachea, lung and mediastinum. Thus, it is probable that under 10 per cent of all cases of carcinoma of lung are diagnosed with the help of M.M.R. It is probably correct to assume that most cases referred by general practitioners have some signs or symptoms and that many cases found among other examinee groups are apparently fit. Cases found among other examinee groups numbered 2,372, or under 5 per cent of deaths assigned to this cause. Posner, E. *et al.*(3) showed that the second year survival rates of cases of carcinoma of lung diagnosed by M.M.R. was 20 per cent for G.P. referrals and 25 per cent for routine survey cases. It would appear therefore that M.M.R. is contributing little towards any reduction in mortality from cancer of the lung.

The relationship of cancer of lung as diagnosed by M.M.R. to occupation, is discussed elsewhere in this report (page 27).

Table 5d (page 74) shows the number of cases of cancer of lung found among persons previously found to be normal at Mass X-ray.

Among males referred by general practitioners the rate was relatively high in the older age-groups and there was little if any relationship to the time since previous X-ray except possibly in men aged 65 and over. On the other hand, among men in the public examinee groups there was a slightly increased abnormality rate among those persons seen after a longer interval than in those seen relatively recently. This is brought out more clearly among all examinee groups. The increase with time since the previous X-ray is not so great nor so regular as with tuberculosis. Mass miniature radiography is likely to see only a relatively small proportion of cases of cancer of the lung diagnosed as the majority of sufferers will be sent directly to hospital.

Certain geographical data of cases of cancer of the lung found by M.M.R. examination are given in Table 8 (page 96). (See page 13 for warning as to validity of these data.)

Sarcoidosis and collagenous diseases of the lung

Examination of a small sample of cases classified under this heading showed no diagnosis other than sarcoidosis. The age and sex distribution of this disease is in line with that recorded by other workers, that is, a disease of early and middle adult life with somewhat greater frequency among women than men. The low ratio of abnormalities discovered among G.P. referrals to those found among other groups confirms that it is a disease which is very often symptomless. On the basis of the abnormality rate among other examinee groups, it can be calculated that there are probably at least 4,000 cases of the relatively symptom-free respiratory form of the disease in England and Wales at any one time.

Congenital abnormalities of the heart and vessels

The abnormality rate for this condition was highest in the younger ages, falling to a minimum at about 25 years of age and then staying constant above that. The abnormality rate was about equal in the two sexes.

Although congenital abnormalities were found more frequently among cases referred by general practitioners the difference was not large.

Acquired abnormalities of the heart and vessels

It was mentioned earlier in this section that there was some variation in the practice of recording of abnormalities where there was probably no medical action to be taken. This was particularly likely to have occurred with acquired heart disease. The data for this group of illnesses should therefore not be taken as representing the true state of affairs in the community.

At the same time, a proportion of the persons who were X-rayed did show some abnormality which might have been previously unsuspected and which might respond to treatment. The data therefore serves as a reminder that some useful purpose can be served by using M.M.R. in the search for heart disease.

MASS MINIATURE RADIOGRAPHY AMONG DIFFERENT OCCUPATION GROUPS

During the three years covered by this report all M.M.R. examinees were asked to give their occupation and this information was coded and analysed in respect of tuberculosis and cancer of lung cases.

The difficulties of analyses of this type of data lie largely in the fact that the persons examined represent a selected sample of the population and that occupation may be one of the factors affecting selection. Thus a worker in a large factory was probably actively encouraged to be X-rayed at least once during the three-year period because a mobile unit visited the factory, and the examination could be had with the minimum of trouble and at no expense to himself. On the other hand, the farm labourer may well have a considerable distance to travel to a public session with an M.M.R. unit, and is less likely to be aware of its presence in the district. It is possible that people in different occupations may have different attitudes to X-ray examination. Thus a person in an occupation where tuberculosis is known to be relatively frequent may go to greater lengths to have an examination than other people. This may have the effect of apparently lowering the abnormality rate in the occupation where tuberculosis is a known risk. These sorts of objections should be borne in mind when considering the following sections.

Those readers who are familiar with the Registrar General's Decennial Supplement on Occupational Mortality* will be aware of the difficulties which arise because the information concerning occupation recorded at death is collected under different conditions from that recorded at census. These difficulties do not occur in the study of M.M.R. abnormality rates since the occupation used in that study is collected at the examination. It may cause some difficulty, however, where the number of examinations carried out is considered against the census population in the same occupation group. The occupation recorded at census is usually given with some care, together with the industry in which the person works. In addition an enumerator individually scrutinises each return. At M.M.R. examination, on the other hand, there are no such refinements, and the occupation given may be extremely difficult to classify correctly. Thus it is possible that some of the examination rates given below do not show the true position.

The population examined

The table on page 21 gives, for males, the census population, the number of examinations performed and the examination rate per 1,000 population, according to the social class and socio-economic group of the examinee.

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* *Registrar General's Decennial Supplement, England and Wales, 1951, Occupational Mortality, Parts I and II.* H.M.S.O. London.

Before discussing the data in this table a few words should be said concerning the type of examination. Because of the very different examination rates it was found necessary to divide the data into a group of examinees who were reported to have probably had a previous examination and a group who stated that they were being examined for the first time. The previous examination may have been at any previous date. It is probable that a number of persons may be included in this table more than once, as they may have had two or more examinations in the three-year period under review. The group "not previously examined" among the public examinees is self explanatory, although it should be remembered that information of this nature depends entirely upon the statement of the examinee. The findings among the group of persons referred by the general practitioner are more difficult to interpret. While some patients may be referred purely for the purpose of a check on an apparently normal chest it seems fair to assume that the majority of persons referred are those whom the general practitioner suspects may have some respiratory or cardiac disease. The conditions may vary from a persistent cough with no physical signs to a person with obvious gross respiratory disease. In addition it must be remembered that many general practitioners can refer patients direct to hospital or chest clinic for a chest X-ray rather than to a M.M.R. unit. Thus the type of person referred to a M.M.R. unit by a general practitioner is very difficult to define. It is a subject which may well repay further research.

The table on page 21 shows that there is a gradient upwards from Social Class I to V in the examination rate among male G.P. referrals. (An exception to this is the high rate of Social Class III.) For the socio-economic groups the highest rate is seen among clerical workers; the other groups with a high examination rate are manual and personal service workers and shop assistants. It seems probable that the social class gradient reflects the gradient which exists for many forms of chest disease. On the other hand, the high rate for clerical and skilled manual workers cannot be explained on this basis. These groups also have a high examination rate among other examinee groups and it seems just possible that the ease with which they can obtain an examination may result in some persons seeing their doctor before being examined and then informing the M.M.R. unit that they have been referred by their general practitioner. The low examination rates for agricultural occupations and the armed forces are very noticeable.

Among men who had not been examined before, the highest examination rate is seen for clerical workers, followed by skilled and semi-skilled manual workers. There seems little doubt that these high figures, which are repeated among those men who had been previously examined, are the result of mobile units visiting the establishment at which these people work. This means that an X-ray examination can be had with no loss of free time or any financial loss. Low rates are seen for agricultural workers, due no doubt to their place of work being so remote from the usual places where mobile or static units are sited.

Number of M.M.R. examinations performed 1955-1957, by type, social class and socio-economic group of examinee. Rate per 1,000 population (1951 census)

Social Class and Socio-economic Group	Census population (thousands) 1951	Public examinees				G.P. referrals	
		Not previously examined		Previously examined			
		Number (thousands)	Rate per thousand	Number (thousands)	Rate per thousand	Number (thousands)	Rate per thousand
Social Class							
I. Professional, etc., occupations	510	44	85.6	106	206.0	5	10.5
II. Intermediate occupations	2,243	175	76.1	377	168.0	26	11.7
III. Skilled occupations	6,161	981	120.2	1,864	228.4	155	19.1
IV. Partly skilled occupations	2,490	259	104.2	348	139.6	37	14.6
V. Unskilled occupations	2,025	230	113.5	263	129.7	45	22.2
Socio-economic Group							
1. Farmers	317	12	37.4	5	14.4	1	2.6
2. Agricultural workers	773	37	46.3	23	30.0	2	3.0
3. Higher administrative, professional and managerial	510	44	65.6	108	208.0	5	10.5
4. Other administrative, professional and managerial	1,413	134	94.9	352	248.9	19	13.6
5. Shopkeepers (including proprietors and managers of wholesale businesses)	562	36	63.3	34	60.6	7	13.3
6. Clerical workers	756	124	163.6	375	495.3	18	23.5
7. Shop assistants	507	51	100.4	55	108.2	9	17.7
8. Personal service	340	30	69.7	35	103.6	6	19.1
9. Foremen	522	42	80.9	104	199.2	8	15.5
10. Skilled workers	5,536	730	131.6	1,268	232.5	115	20.6
11. Semi-skilled workers	1,702	216	127.0	312	163.5	32	19.0
12. Unskilled workers	1,987	226	113.8	259	130.4	44	22.3
13. Armed Forces (other ranks)	500	7	13.5	9	18.3	2	3.2

The examination rates among men examined previously were so high among the clerical and skilled manual workers that it seems likely that a great number had been examined before in the three-year period, i.e. they are included two or more times. Two groupe which did not show a high rate among those not previously examined, returned a high one among those who had been seen earlier. These were the professional men, and the higher administrative and managerial workers.

The rates among the public examinee group do not show any distinct gradient. The differences between the examination rates of the various occupation groups within the same social class are so large that any social class gradient would be unlikely to appear.

Active tuberculosis in different occupation groups

The prevalence of active tuberculosis found at M.M.R. examination is shown in Table 4, where both numbers of examinations and numbers of cases are shown. For each group a Standardised Abnormality Ratio (S.A.R.) has been calculated, on similar lines to a Standardised Mortality Ratio (S.M.R.). A S.A.R. can be defined as the ratio of the number of observed cases in a particular occupation group to the number that would have been observed had the age specific abnormality rates been the same as in all examinees of the same sex. The answer is expressed as a percentage.

The table below shows the S.A.R.s for social classes according to the type of examinee and sex.

Social Class	Males			Females		
	Public examinees		G.P. referrals	Public examinees		G.P. referrals
	Not previously examined	Previously examined		Not previously examined	Previously examined	
Total	100	100	100	100	100	100
I. Professional, etc., occupations	74	65	*58*	*(83)*	*(100)*	*(125)*
II. Intermediate occupations	74	81	73	72	79	57
III. Skilled occupations	99	100	95	98	101	105
IV. Partly skilled occupatione	94	109	109	121	124	114
V. Unskilled occupations	125	128	132	115	113	100
Not gainfully occupied or not stated	122	102	82	97	94	98

For males, in all examinee groups there was a clear social class gradient with tuberculosis being found more frequently among the less skilled workers. Among occupied females, the number of cases was very much smaller and this has had the effect of blurring the gradient, yet there is little doubt that it is still present. (The number of women who did not etate an occupation was very large - 38.5 per cent of female examinees aged 15 and over.)

The gradient to be seen among the persons referred by their general practitioners probably has a rather different interpretation from those found among the public examinees. In the latter it seems fair to conclude that the prevalence of active tuberculosis is higher among the less skilled persons. This only confirms what has long been known and reflects the mortality position. For the G.P. referrals, on the other hand, although the eventual interpretation is probably the same the data presented here must be considered rather differently. Briefly it seems that of those persons considered by their general practitioner to require a M.M.R. examination, presumably because of some symptoms, tuberculosis is a more common finding among the less skilled workers. In other words, regardless of the frequency of respiratory symptoms in the different social classes in males, tuberculosis is a more common cause of those symptoms in Social Class V than in Social Claes I. This slightly different interpretation should be remembered whenever tuberculosis among general practitioner referrals is considered.

It should be remembered here that the social class of an individual is determined solely by the occupational statement given. No other factor is taken into account. Nevertheless, there are many other things which tend to be associated with social class defined on this basis. They include living conditions, dietary factors, education, intelligence, etc. all of which may play their part in the aetiology of the disease. (See, for example, Benjamin, B. (4)). Thus it would be wrong to attribute any findings reported in this section to occupation alone without considering other factors which may be implicated.

The table below gives the S.A.R. for the different socio-economic groups according to sex and type of examinee.

Socio-economic Group	Males			Females		
	Public examinees		G.P. referrals	Public examinees		G.P. referrals
	Not previously examined	Previoualy examined		Not previously examined	Previously examined	
All groups	**100**	**100**	**100**	**100**	**100**	**100**
1. Farmers	*30*	*(60)*	*(55)*	*(0)*	-	-
2. Agricultural workers	72	56	*86*	*(43)*	*(100)*	*(50)*
3. Higher administrative, professional and managerial	74	65	*58*	*(83)*	*(100)*	*(125)*
4. Other administrative, professional and managerial	77	81	67	69	79	59
5. Shopkeepers (including proprietors and managers of wholesale businesses)	79	*(105)*	88	*107*	*(133)*	*(27)*
6. Clerical workers	108	97	104	94	97	101
7. Shop assistants	126	141	90	101	130	104
8. Personal service	136	133	132	108	115	113
9. Foremen	78	83	80	*143*	*(64)*	*(25)*
10. Skilled workers	97	100	95	101	100	111
11. Semi-skilled workers	96	111	110	125	123	113
12. Unskilled workers	123	127	133	130	117	103
13. Armed Forces (other ranks)	*73*	*(73)*	*(29)*	-	-	-

Those socio-economic groups which show a low prevalence of tuberculosis among men are the agricultural, professional, and administrative groups (1-4) and the foremen. About average prevalence is seen among the clerical workers and the skilled manual workers and possibly also among shopkeepers. High figures were returned for shop assistants, personal service workers and unskilled manual workers. Broadly, the figures for women, where the numbers were large enough, run parallel to those for men but those for shop assistants and personal service workers were somewhat lower for women.

The findings for the semi-skilled and unskilled male workers are in accordance with those given by mortality statistics(2c), as also are those for the personal service workers. On the other hand the high S.A.R.s for shop assistants is at variance with the mortality statistics. It should be pointed out, however, that there is some evidence(2d) that the mortality of shop assistants may have been somewhat under-estimated, and that the proportional mortality from tuberculosis was somewhat greater than expected. If this is so then it can be said that the prevalence of tuberculosis as shown by M.M.R. data is in line with mortality data on these aspects.

The S.A.R.s for selected occupations and occupation groups are shown together with other data in Table 4. These occupations were selected either because the tuberculosis prevalence was possibly important or because from certain preliminary analyses the prevalence appeared high. Data are given for all occupation orders for men and for those where numbers were sufficient for women.

The data for mining and quarrying occupations may be an underestimate of the true position as cases of pneumoconiosis with tuberculosis are not included here.

Among metal workers, two groups of occupations showed high figures: the workers in "hot" metal - a group including furnace workers, forgemen, moulders etc. - and platers, riveters and shipwrights. The former group has a high S.A.R. only among men referred by general practitioners and may possibly be an artifact. The latter group, on the other hand, had a high S.A.R. in all three types of examinee and appears to indicate an increased risk of contracting the disease. Mortality data are equivocal, some of the individual occupations having above average and some below average mortality.

Textile workers returned high S.A.R.s for all three types of examinee although the excess reached the level of statistical significance only for not previously examined.

Leather workers and fur dressers also showed a high prevalence of tuberculosis in all three types of examinee.

Makers of textile goods had S.A.R.s on the high side of normal, but there was no evidence of the high prevalence of tuberculosis traditionally associated with tailoring occupations.

Two particular occupations show an apparently high prevalence of tuberculosis: these are bus and tram conductors, and merchant seamen. The latter group are well known to have a high prevalence of tuberculosis. The former, both men and women, have a high S.A.R. for persons not previously examined, and among men for G.P. referrals, but for very few cases a normal prevalence among persons examined previously. Bus drivers, on the other hand, although S.A.R.s for the three types of examinee are rather variable, probably have a normal tuberculosis experience.

Teachers, in all examinee groups, returned very low S.A.R.s for tuberculosis.

Two occupations in the personal service group among males showed an exceptionally high rate. These were the kitchen hands, and publicans, innkeepers and barmen.

Two occupations in which women are predominant are worth special examination. Nurses have a very low S.A.R. It should be remembered, however, that most occupied nurses will have full scale X-ray facilities available at the hospital in which they work, hence this figure probably relates only to a selected group. Laundry workers returned a S.A.R. which was above normal although it did not reach the level of statistical significance.

Discussion

Among these data two findings of importance appear to emerge. The first is that, broadly speaking, morbidity as revealed by M.M.R. statistics is in line with occupational mortality statistics despite the different time periods covered and the different approach used. This is probably only to be expected but it does seem to emphasise those groups which are at high risk, namely, the members of the less skilled occupations.

The second point that has been brought out by these findings is that a group of men who seem to be at moderately high risk of contracting tuberculosis are those who come into contact with large numbers of their fellows during the course of their work. These cover largely shop assistants and personal service workers, e.g. waiters, barmen, barbers, etc. A further rather small group mentioned above are bus conductors. This also was suspected by those engaged on analysing occupational mortality data, but although mentioned in that report it was not given any prominence because it was difficult to separate the risks of an occupation from the factors that lead an individual to enter it. This difficulty is in no way diminished by the confirmation of these findings in M.M.R. statistics but it is perhaps worth a fuller discussion.

As has been pointed out earlier, in considering M.M.R. data the numerator and denominator are based on the same occupational statements, and so one is not assailed by the same doubts as when examining occupational mortality statistics. This is replaced, however, with another and no less serious problem: that there is no way of defining the population who present themselves for examination. There is no doubt that the proportion of all shop assistants and personal service workers who are examined is lower than that of the manual workers and it might be argued that those who are ill present themselves first. What evidence there is on this subject seems to show that the reverse is the case; for example, Cochrane, A. L.(5) and Palchanis, W. T.(6) found more cases among the last to present themselves. Thus unless the groups considered here have a different psychological approach to illness from those studied by these other workers, the fact that fewer were examined will not explain the high incidence of tuberculosis.

The second point which must be considered is whether those persons who become shop assistants, bus conductors, or personal service workers are those who are more likely to have tuberculosis than those in other occupations or alternatively whether they take up these occupations because they already have tuberculosis, whether diagnosed or not. Both these factors may play their part. Personal service occupations, and shop work, although very often physically exhausting in one sense, do not require the strength of the labourer and this may mean that there is a certain selection of the less fit for these jobs, but discussion on this point at best can only be speculative. The third possibility to be considered is whether, since tuberculosis is an infectious disease, contact with many different members of the public may give a liability to tuberculosis greater than that which exists among persons who come into contact with relatively few persons during the day by sheer weight of numbers. The period of contact that a bus conductor or shop assistant has with his passenger or customer is a very short one. The bus conductor, in particular, will come into momentary contact with a large number of different people, although the evidence for a high prevalence of tuberculosis is not so clear cut with this group. The shop assistant's and personal service worker's working conditions are not so likely to bring him into such close contact with as many people but the number of contacts will be much greater than would be experienced by, say, a worker in a factory.

Hence it does seem possible that extensive contact with the general public does give an increased liability to tuberculous infection*. Even if this is the case, the risk to the individual worker, although possibly greater than in the general public, is still very small. The risk to the public from contact with these workers is infinitesimal and can probably be disregarded, although this does not imply that the removal of affected persons from their occupation and their treatment should not be aimed at.

Cancer of the lung in different occupation groups

The number of cases of cancer of lung found among women at M.M.R. was so small that the social class or occupational analysis has been restricted to men. With cancer of the lung there seemed to be little to be gained by separating the "public examinees" according to whether they had been previously examined, as the disease is likely to run a fairly rapid course and previous examinations are unlikely to bear any relation to the one under consideration. The same considerations are likely to apply with this disease as with tuberculosis in deciding whether a person will attend for a M.M.R. examination, i.e. most of those referred by general practitioners will have some chest condition of uncertain aetiology and most other examinees will be ostensibly fit.

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* Figures for tuberculosis among bus conductors and drivers in London Transport are too small for any conclusions to be drawn, but it is interesting to note that absence from work as a result of a cold is commoner among central bus conductors than central bus drivers. (London Transport Executive (1956) Health in Industry. Butterworths, London.)

Findings in the five social classes show no real gradient. Two groups differ significantly from the normal, both public examinees. In Social Class II the S.A.R. is significantly below, and in Social Class V it is significantly above normal. The table below compares the M.M.R. data with that of the Occupational Mortality Supplement(2e).

Social Class	Cancer of Lung among Males	
	Occupational Mortality	M.M.R. data (Public examinees only)
	S.M.R. Ages 20-64	S.A.R. Ages 15 and over
I. Professional, etc., occupations	81	95
II. Intermediate occupations	82	78
III. Skilled occupations	107	99
IV. Partly skilled occupations	91	101
V. Unskilled occupations	118	124
All Males	**100**	**100**

The high rates in Social Class V are particularly noteworthy, and have been commented on previously (Brett, G. Z. *et al.*(7)).

Analysis by socio-economic groups shows that shopkeepers have a S.A.R. among the public examinees which was high and on the borderline of statistical significance. The S.A.R. for the G.P. referrals from the group was also above normal but not in this case reaching a significant level. It is difficult to account for these findings.

Other socio-economic groups with a high S.A.R. among public examinees were personal service workers and the unskilled manual workers (similar to Social Class V). Skilled manual workers also had a S.A.R. above 100.

In the individual occupation orders the following with high S.A.R.s are worthy of note, but in only one case is the level of statistical significance reached: workers in "hot" metal, workers in building and contracting (public examinee group only), painters and decorators, and stationary engine drivers. In the personal service order, although the numbers of cases are very small the high S.A.R.s among the publicans, etc. and kitchen hands are noticeable.

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Table 1. Examinations, by sex, age and examinee group

England and Wales

Note. For definitions, etc., see the General Notes.

Examinee group	All ages	Under 14	14	15-	20-	25-	35-	45-	55-	60-	65 and over	Not Stated
						Males						
Out-patients and in-patients of hospitals	24,410	370	140	1,260	1,800	4,250	4,720	5,620	2,200	1,570	2,480	-
H.M. Forces recruits	384,190	-	90	268,310	111,370	4,000	290	40	-	-	-	90
School children (school groups)	545,180	197,390	188,700	159,050	-	-	-	-	-	-	-	40
Contacts	102,290	27,870	7,360	14,410	6,790	16,870	13,040	10,460	2,730	1,620	1,510	30
Persons covered by special surveys	62,910	9,570	1,880	4,800	4,250	11,760	11,180	10,280	3,870	2,700	2,590	30
Persons in factories/offices (general surveys)	3,070,330	-	-	254,740	331,950	813,900	729,080	585,500	196,690	114,340	43,180	950
Persons in prisons, borstals, etc.	33,330	580	870	5,950	4,740	7,460	4,800	3,260	1,140	910	3,810	10
General public volunteers	1,242,760	32,410	8,980	86,610	108,450	309,820	273,220	221,620	77,310	51,670	72,370	300
Persons residing in or employed at mental hospitals and mental institutions	101,930	2,170	460	3,660	5,740	16,650	20,880	22,190	9,370	7,030	13,300	480
All examinee groups other than persons referred by general practitioners	5,567,330	270,160	208,280	798,790	575,090	1,184,510	1,057,210	858,970	293,310	179,340	139,240	1,930
Persons referred by general practitioners	296,860	15,500	2,770	20,940	28,840	59,270	52,910	54,740	23,790	18,710	19,270	120
All examinee groups	5,864,190	285,660	211,050	819,730	603,930	1,243,780	1,110,120	913,710	317,100	198,550	158,510	2,050
						Females						
Out-patients and in-patients of hospitals	29,820	340	130	1,730	2,630	5,250	6,140	5,860	2,600	1,780	3,160	-
H.M. Forces recruits	140	-	-	60	10	60	-	10	-	-	-	-
School children (school groups)	514,810	190,490	182,310	141,980	-	-	-	-	-	-	-	30
Contacts	94,380	25,620	8,330	14,850	8,450	12,480	11,860	9,610	2,580	1,320	1,430	50
Persons covered by special surveys	60,810	9,290	1,860	6,630	5,720	10,250	9,620	9,120	3,730	2,010	2,560	20
Persons in factories/offices (general surveys)	1,804,550	-	-	441,440	376,310	359,860	298,010	238,940	62,450	20,300	6,760	480
Persons in prisons, borstals, etc.	5,180	250	190	600	200	330	480	500	210	190	2,190	60
General public volunteers .	1,673,840	33,580	9,630	161,370	183,050	395,940	362,760	288,010	100,640	67,980	70,630	220
Ante-natal cases	170,340	10	20	14,290	56,350	80,760	18,550	270	-	-	-	90
Persons residing in or employed at mental hospitals and mental institutions	104,920	1,560	240	3,840	5,070	12,390	17,170	21,470	10,890	9,080	22,900	310
All examinee groups other than persons referred by general practitioners	4,458,590	261,140	200,710	786,790	637,790	877,320	724,370	573,820	183,100	102,660	109,630	1,260
Persons referred by general practitioners	285,080	15,610	.2,720	32,740	39,970	69,000	52,030	36,980	14,270	9,800	11,880	100
All examinee groups	4,743,670	276,750	203,430	819,530	677,760	946,320	776,400	610,800	197,370	112,460	121,490	1,360

Table 2. Cases of active tuberculosis discovered, by sex, age and examinee group, Rates per 1,000 examinations

Note. For definitions, etc., see the General Notes

Examinee group	All ages	Under 14	14	15-	20-	25-	35-	45-	55-	60-	65 and over	Not stated
						Males						
Out-patients and in-patients of hospitals	56	-	-	-	3	12	9	9	10	7	8	-
Rate per 1,000 examinations	2.3	0.0	0.0	0.0	1.7	2.8	1.9	1.8	4.5	4.5	2,4	-
H.M. Forces recruits	450	-	-	266	160	2	-	-	-	-	-	-
Rate per 1,000 examinations	1.2	-	0.0	1.1	1.4	0.5	0.0	0.0	-	-	-	0.0
School children (school groups)	291	106	89	94	-	-	-	-	-	-	-	-
Rate per 1,000 examinations	0.5	0.5	0.5	0.6	-	-	-	-	-	-	-	0,0
Contacts	268	36	8	39	21	48	47	43	12	7	7	-
Rate per 1,000 examinations	2.6	1.3	0.6	2.7	3.1	2.9	3.8	4.1	4.4	4.3	4.8	0.0
Persons covered by special surveys	124	7	3	14	6	23	22	27	11	4	7	-
Rate per 1,000 examinations	2.0	0.7	1.6	2.9	1.4	2.0	2.0	2.6	2.6	1.5	2.7	0.0
Persons in factories/offices (general surveys)	4,428	-	-	289	435	1,142	976	925	372	211	95	3
Rate per 1,000 examinations	1.4	-	-	1.1	1.3	1.4	1.3	1.8	1.9	1.8	2.2	3.2
Persons in prisons, borstals, etc.	249	1	-	10	8	32	36	53	35	36	36	-
Rate per 1,000 examinations	7.5	1.7	0.0	1.7	1.7	4.3	7.5	16.3	30.7	39.8	10.0	0.0
General public volunteers	2,694	16	4	129	251	600	555	531	246	164	198	-
Rate per 1,000 examinations	2.2	0.5	0.4	1.5	2.3	1.9	2.0	2.4	3.2	3.2	2.7	0.0
Persons residing in or employed at mental hospitals and mental institutions	289	4	-	5	10	48	68	57	29	22	46	-
Rate per 1,000 examinations	2.8	1.8	-	1.4	1.7	2.9	3.3	2.6	3.1	3.1	3.5	0.0
All examinee groups other than persons referred by general practitioners	8,847	172	102	648	394	1,907	1,713	1,645	715	451	397	3
Rate per 1,000 examinations	1.6	0.6	0.5	1.1	1.6	1.6	1.6	1.9	2.4	2.5	2.9	1.6
Persons referred by general practitioners	3,496	50	15	211	292	650	818	761	355	271	272	1
Rate per 1,000 examinations	11.8	3.2	5.4	10.1	10.1	11.0	11.7	13.9	14.9	14.5	14.1	6.3
All examinee groups	12,343	222	117	1,059	1,166	2,557	2,331	2,406	1,070	722	669	4
Rate per 1,000 examinations	2.1	0.8	0.6	1.3	2.0	2.1	2.1	2.6	3.4	3.6	4.2	2.0

Females

Out-patients and in-patients of hospitals	40	-	-	2	5	9	10	9	1	2	2	-
Rate per 1,000 examinations	1.4	0.0	0.0	1.2	1.9	1.7	1.6	1.5	0.4	1.1	0.6	-
H.M. Forces recruits	2	-	-	1	-	-	1	-	-	-	-	-
Rate per 1,000 examinations	14.3	-	-	18.7	0.0	0.0	∞	0.0	-	-	-	-
School children (school groups)	375	140	139	96	-	-	-	-	-	-	-	-
Rate per 1,000 examinations	0.7	0.7	0.8	0.7	-	-	-	-	-	-	-	0.0
Contacts	273	50	9	47	37	66	32	19	4	3	8	-
Rate per 1,000 examinations	2.9	2.0	1.4	3.2	4.4	5.3	2.7	2.0	1.8	2.3	4.2	0.0
Persons covered by special surveys	133	7	1	18	22	45	25	10	2	-	3	-
Rate per 1,000 examinations	2.2	0.8	0.5	2.7	3.6	4.4	2.6	1.1	0.5	0.0	1.2	0.0
Persons in factories/offices (general surveys)	2,281	-	-	627	654	528	280	152	22	14	4	-
Rate per 1,000 examinations	1.3	-	-	1.4	1.7	1.5	0.9	0.6	0.4	0.7	0.6	0.0
Persons in prisons, borstals, etc.	7	-	-	-	-	1	2	2	-	-	2	-
Rate per 1,000 examinations	1.4	0.0	0.0	0.0	0.0	3.0	4.3	4.0	0.0	0.0	0.9	0.0
General public volunteers	2,431	11	12	333	388	744	479	276	67	58	62	-
Rate per 1,000 examinations	1.5	0.3	1.2	2.1	2.1	1.9	1.3	1.0	0.7	0.9	0.9	0.0
Ante-natal cases	288	-	-	23	66	154	24	-	-	-	-	1
Rate per 1,000 examinations	1.7	0.0	0.0	1.6	1.5	1.9	1.3	0.0	-	-	-	11.1
Persons residing in or employed at mental hospitals and mental institutions	159	1	-	11	10	33	36	26	11	6	21	-
Rate per 1,000 examinations	1.5	0.6	0.0	2.9	2.0	2.7	2.2	1.2	1.0	0.9	0.9	0.0
All examinee groups other than persons referred by general practitioners	5,969	209	161	1,156	1,202	1,560	891	494	107	86	100	1
Rate per 1,000 examinations	1.3	0.8	0.8	1.5	1.9	1.6	1.2	0.9	0.6	0.6	0.9	0.8
Persons referred by general practitioners	2,169	58	11	310	446	628	363	203	46	49	54	1
Rate per 1,000 examinations	7.6	3.7	4.0	9.5	11.2	9.1	7.0	5.5	3.4	5.0	4.6	10.0
All examinee groups	8,158	267	172	1,468	1,648	2,206	1,254	697	155	135	154	2
Rate per 1,000 examinations	1.7	1.0	0.8	1.8	2.4	2.3	1.6	1.1	0.6	1.2	1.3	1.5

Table 3. Non-tuberculous abnormalities, by diagnosis, sex, age and examinee group. Rates per 1,000 examinations

England and Wales

Note. For definitions, etc., see the General Notes.

Examinee group	Males									Females								
	All ages	Under 15	15-	20-	25-	35-	55-	65 and over	Not stated	All ages	Under 15	15-	20-	25-	35-	55-	65 and over	Not stated
Tumours of the bony thorax																		
Out-patients and in-patients of hospitals	2	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-
H.M. Forces recruits	7	-	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
School children (school groups)	6	3	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contacts	-	-	-	-	-	-	-	-	-	2	-	-	-	1	1	-	-	-
Persons covered by special surveys	2	-	-	-	-	1	1	-	-	2	-	-	-	1	1	-	-	-
Persons in factories/offices (general surveys)	85	-	8	2	24	34	12	5	-	27	-	4	8	6	9	-	-	-
Persons in prisons, borstals, etc.	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-
General public volunteers	26	-	-	2	5	8	7	4	-	15	-	-	1	-	11	3	-	-
Ante-natal cases	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-
Persons residing in or employed at mental hospitals and mental institutions	4	-	-	-	2	-	1	1	-	1	-	-	-	-	1	-	-	-
All examinee groups other than persons referred by general practitioners	134	3	19	5	31	44	21	11	-	49	-	4	9	8	25	3	-	-
Rate per 1,000 examinations	0.02	0.01	0.02	0.01	0.03	0.02	0.04	0.08	0.00	0.01	0.00	0.01	0.01	0.01	0.02	0.01	0.00	0.00
Persons referred by general practitioners	14	1	-	-	3	5	4	1	-	9	-	-	-	-	5	2	2	-
Rate per 1,000 examinations	0.05	0.05	0.00	0.00	0.05	0.05	0.09	0.05	0.00	0.03	0.00	0.00	0.00	0.00	0.06	0.08	0.17	0.00
All examinee groups	148	4	19	5	34	49	25	12	-	58	-	4	9	3	30	5	2	-
Rate per 1,000 examinations	0.03	0.01	0.02	0.01	0.03	0.02	0.05	0.06	0.00	0.01	0.00	0.00	0.01	0.01	0.02	0.02	0.02	0.00
Congenital malformations of the lungs																		
Out-patients and in-patients of hospitals	4	-	-	-	-	3	1	-	-	2	-	-	-	-	1	1	-	-
H.M. Forces recruits	56	-	37	18	1	-	-	-	-	-	-	-	-	-	-	-	-	-
School children (school groups)	101	81	20	-	-	-	-	-	-	56	43	13	-	-	-	-	-	-
Contacts	14	8	4	-	2	-	-	-	-	5	3	1	-	-	-	1	-	-
Persons covered by special surveys	7	1	1	1	3	-	1	-	-	4	2	-	-	-	2	-	-	-
Persons in factories/offices (general surveys)	269	-	29	34	63	109	31	4	-	87	-	26	20	21	28	2	-	-
Persons in prisons, borstals, etc.	3	-	-	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-
General public volunteers	114	3	14	8	23	46	13	7	-	85	3	5	6	22	31	12	6	-
Ante-natal cases	-	-	-	-	-	-	-	-	-	5	-	-	3	2	-	-	-	-
Persons residing in or employed at mental hospitals and mental institutions	1	-	-	-	-	1	-	-	-	6	-	-	-	1	2	1	2	-
All examinee groups other than persons referred by general practitioners	569	93	104	52	82	160	46	12	-	260	51	45	28	46	64	17	8	-
Rate per 1,000 examinations	0.10	0.19	0.13	0.11	0.08	0.08	0.10	0.09	0.00	0.06	0.11	0.06	0.05	0.05	0.05	0.06	0.07	0.00
Persons referred by general practitioners	30	-	5	3	5	10	2	5	-	31	2	4	5	6	9	4	1	-
Rate per 1,000 examinations	0.10	0.00	0.24	0.10	0.06	0.09	0.05	0.26	0.00	0.11	0.11	0.12	0.13	0.09	0.10	0.17	0.06	0.00
All examinee groups	599	93	109	65	97	170	46	17	-	291	53	49	34	52	73	21	9	-
Rate per 1,000 examinations	0.10	0.19	0.13	0.11	0.08	0.08	0.09	0.11	0.00	0.06	0.11	0.06	0.05	0.05	0.05	0.07	0.07	0.00

Rate per 1,000 examinations

Table 3 - *continued*

Examinee group	Males									Females								
	All ages	Under 15	15-	20-	25-	35-	55-	65 and over	Not stated	All ages	Under 15	15-	20-	25-	35-	55-	65 and over	Not stated
								Bacterial and virus infections of the lungs										
Out-patients and in-patients of hospitals	58	1	1	4	5	15	13	19	-	36	1	-	1	5	12	12	5	-
H.M. Forces recruits	199	-	142	48	2	6	1	-	-	-	-	-	-	-	-	-	-	-
School children (school groups)	323	255	68	-	-	-	-	-	-	268	228	40	-	-	-	-	-	-
Contacts	76	21	11	3	12	21	7	3	-	57	25	6	3	7	13	1	1	1
Persons covered by special surveys	38	6	4	1	5	11	7	4	-	39	15	1	2	9	8	3	1	-
Persons in factories/offices (general surveys)	1,721	-	147	122	301	741	344	66	-	655	-	158	96	135	210	49	7	-
Persons in prisons, borstals, etc.	54	7	2	1	4	14	6	20	-	6	-	-	-	1	1	-	4	-
General public volunteers	1,474	62	73	79	220	612	259	169	-	1,172	39	73	90	266	472	160	72	-
Ante-natal cases	-	-	-	-	-	-	-	-	-	68	-	5	11	36	14	-	-	-
Persons residing in or employed at mental hospitals and mental institutions	86	1	5	7	14	31	9	17	2	66	3	2	2	4	19	14	21	1
All examinee groups other than persons referred by general practitioners	4,031	353	453	265	563	1,451	646	298	2	2,367	311	285	205	465	749	239	111	2
Rate per 1,000 examinations	0.72	0.74	0.57	0.46	0.48	0.76	1.37	2.14	1.04	0.53	0.67	0.36	0.32	0.53	0,58	0.84	1.01	1,59
Persons referred by general practitioners	6,049	339	364	313	744	2,331	1,325	642	1	3,530	374	185	261	601	1,291	397	215	6
Rate per 1,000 examinations	20.36	18.56	16.91	10.65	12.55	21.65	31.18	33.32	6.33	12.38	20.40	5.65	6.53	11.61	14.50	16.49	18.13	60.00
All examinee groups	10,080	692	807	578	1,307	3,782	1,971	940	3	5,897	685	470	466	1,266	2,040	636	326	8
Rate per 1,000 examinations	1.72	1.39	0.98	0.96	1.05	1.87	3.82	5.93	1.46	1.24	1.43	0.57	0.69	1.34	1.47	2.05	2.68	5.88
										Other infections of the lungs								
Out-patients and in-patients of hospitals	-	-	-	-	-	-	-	-	-	2	-	-	-	-	1	-	1	-
H.M. Forces recruits	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
School children (school groups)	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contacts	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Persons covered by special surveys	2	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-
Persons in factories/offices (general surveys)	20	-	2	-	5	9	3	1	-	1	-	-	-	1	-	-	-	-
Persons in prisons, borstals, etc.	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
General public volunteers	22	-	-	-	1	6	6	7	-	4	-	-	-	2	2	-	-	-
Ante-natal cases	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-
Persons residing in or employed at mental hospitals and mental institutions	2	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
All examinee groups other than persons referred by general practitioners	50	1	3	2	6	16	11	11	-	8	-	-	-	4	3	-	1	-
Rate per 1,000 examinations	0.01	0.00	0.00	0.00	0.01	0.01	0.02	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
Persons referred by general practitioners	16	1	-	-	5	7	3	2	-	6	-	-	2	1	2	2	1	-
Rate per 1,000 examinations	0.06	0.05	0.00	0.00	0.08	0.07	0.07	0.10	0.00	0.03	0.00	0.00	0.05	0.01	0.02	0.08	0.06	0.00
All examinee groups	66	2	3	2	11	23	14	13	-	16	-	-	2	5	5	2	2	-
Rate per 1,000 examinations	0.01	0.00	0.00	0.00	0.01	0.01	0.03	0.08	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.02	0.00

Table 3 - *continued*

Examinee group	Males									Females								
	All ages	Under 15	15-	20-	25-	35-	55-	65 and over	Not stated	All ages	Under 15	15-	20-	25-	35-	55-	65 and over	Not stated
Bronchiectasis																		
Out-patients and in-patients of hospitals	22	-	-	-	1	6	9	6	-	12	-	-	2	-	8	2	-	-
H.M. Forces recruits	772	1	620	143	7	1	-	-	-	-	-	-	-	-	-	-	-	-
School children (school groups)	448	329	119	-	-	-	-	-	-	362	292	69	-	-	-	-	-	1
Contacts	99	25	14	4	6	27	16	7	-	56	17	7	4	7	12	5	4	-
Persons covered by special surveys	89	18	10	2	9	28	10	13	-	75	28	4	3	9	19	7	6	-
Persons in factories/offices (general surveys)	2,668	-	177	174	444	1,222	546	104	-	815	-	221	137	152	243	55	7	-
Persons in prisons, borstals, etc.	88	2	10	9	7	20	14	26	-	10	-	1	1	-	-	3	5	-
General public volunteers	1,619	42	78	88	171	602	370	288	-	1,277	33	68	65	206	505	256	142	2
Ante-natal cases	-	-	-	-	-	-	-	-	-	77	-	2	19	43	15	-	-	-
Persons residing in or employed at mental hospitals and mental institutions	178	3	5	4	10	72	44	39	1	137	3	4	2	12	49	28	41	-
All examinee groups other than persons referred by general practitioners	5,981	420	1,033	404	654	1,978	1,008	483	1	2,819	371	376	233	429	849	354	204	3
Rate per 1,000 examinations	1.07	0.88	1.29	0.70	0.55	1.03	2.13	3.47	0.52	0.63	0.80	0.48	0.37	0.49	0.65	1.24	1.86	2.38
Persons referred by general practitioners	2,130	146	95	94	200	735	554	306	-	1,224	138	70	60	208	436	198	117	1
Rate per 1,000 examinations	7.18	7.99	4.54	3.26	3.37	8.83	13.04	15.88	0.00	4.29	7.42	2.14	1.60	5.01	4.90	8.14	9.87	10.00
All examinee groups	8,111	566	1,128	498	854	2,713	1,562	789	1	4,043	507	446	293	637	1,285	550	321	4
Rate per 1,000 examinations	1.38	1.14	1.38	0.82	0.69	1.34	3.03	4.98	0.49	0.85	1.06	0.54	0.43	0.87	0.93	1.78	2.64	2.94
Pulmonary fibrosis																		
Out-patients and in-patients of hospitals	20	-	-	-	-	4	7	9	-	20	-	-	-	1	4	2	13	-
H.M. Forces recruits	289	-	209	78	1	1	-	-	-	-	-	-	-	-	-	-	-	-
School children (school groups)	256	200	56	-	-	-	-	-	-	166	129	37	-	-	-	-	-	-
Contacts	78	7	2	1	5	37	17	9	-	71	13	2	1	4	16	17	18	-
Persons covered by special surveys	278	15	3	6	20	77	74	65	-	393	20	1	6	15	72	114	165	-
Persons in factories/offices (general surveys)	6,183	-	106	142	471	2,297	1,800	366	1	1,219	-	161	132	139	552	205	30	-
Persons in prisons, borstals, etc.	96	-	2	1	3	18	25	47	-	17	-	-	-	-	1	4	12	-
General public volunteers	5,749	25	33	43	200	1,197	1,210	1,040	1	2,358	26	41	37	165	839	690	560	-
Ante-natal cases	-	-	-	-	-	-	-	-	-	67	-	3	10	34	20	-	-	-
Persons residing in or employed at mental hospitals and mental institutions	220	2	3	2	8	75	57	71	2	153	2	1	-	2	31	39	78	-
All examinee groups other than persons referred by general practitioners	10,171	247	416	273	708	3,706	3,190	1,627	4	4,464	190	246	186	360	1,535	1,071	876	-
Rate per 1,000 examinations	1.83	0.52	0.52	0.47	0.60	1.93	6.74	11.68	2.07	1.00	0.41	0.31	0.29	0.41	1.18	3.75	7.99	0.00
Persons referred by general practitioners	4,873	168	52	56	215	1,701	1,717	963	1	2,132	141	55	68	203	724	507	433	1
Rate per 1,000 examinations	16.42	9.20	2.48	1.94	3.63	15.80	40.40	49.97	8.33	7.48	7.89	1.88	1.70	2.94	8.13	21.06	36.51	10.00
All examinee groups	15,044	415	468	329	923	5,407	4,907	2,590	5	5,596	331	301	254	563	2,259	1,578	1,309	1
Rate per 1,000 examinations	2.57	0.84	0.57	0.54	0.74	2.67	9.52	16.34	2.44	1.39	0.69	0.37	0.37	0.59	1.63	5.09	10.77	0.74

Table 3 - *continued*

Examinee group	Males									Females								
	All ages	Under 15	15-	20-	25-	35-	55-	65 and over	Not stated	All ages	Under 15	15-	20-	25-	35-	55-	65 and over	Not stated
Benign tumours of the lung																		
Out-patients and in-patients of hospitals	5	-	-	-	1	1	2	1	-	9	-	-	-	1	5	2	1	-
H.M. Forces recruits	27	-	15	11	1	-	-	-	-	-	-	-	-	-	-	-	-	-
School children (school groups)	16	13	3	-	-	-	-	-	-	20	13	7	-	-	-	-	-	-
Contacts	11	-	-	-	-	9	2	-	-	4	-	-	-	-	2	2	-	-
Persons covered by special surveys	15	1	-	-	1	3	6	4	-	13	-	-	-	-	6	5	2	-
Persons in factories/offices (general surveys)	566	-	7	15	58	289	166	31	-	344	-	15	11	29	187	98	4	-
Persons in prisons, borstals, etc.	15	-	-	1	3	3	2	6	-	14	-	-	-	-	-	1	13	-
General public volunteers	264	2	2	3	15	106	73	63	-	652	2	7	8	32	227	220	155	1
Ante-natal cases	-	-	-	-	-	-	-	-	-	11	-	-	4	4	3	-	-	-
Persons residing in or employed at mental hospitals and mental institutions	42	-	1	-	2	20	8	11	-	80	1	-	-	2	17	17	43	-
All examinee groups other than persons referred by general practitioners	961	16	28	30	81	431	259	116	-	1,147	16	29	23	68	447	345	218	1
Rate per 1,000 examinations	0.17	0.08	0.04	0.05	0.07	0.22	0.55	0.83	0.00	0.26	0.03	0.04	0.04	0.08	0.34	1.21	1.99	0.79
Persons referred by general practitioners	112	1	2	2	3	38	42	24	-	127	2	1	2	8	37	41	38	-
Rate per 1,000 examinations	0.38	0.05	0.10	0.07	0.08	0.38	0.99	1.25	0.00	0.48	0.11	0.03	0.05	0.12	0.42	1.70	3.04	0.00
All examinee groups	1,073	17	30	32	84	469	301	140	-	1,274	18	30	25	76	484	386	254	1
Rate per 1,000 examinations	0.18	0.03	0.04	0.05	0.07	0.23	0.58	0.88	0.00	0.27	0.04	0.04	0.04	0.08	0.35	1.25	2.09	0.74
Cancer of the lung																		
Out-patients and in-patients of hospitals	47	-	-	-	-	12	20	15	-	5	-	-	-	-	1	2	2	-
H.M. Forces recruits	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
School children (school groups)	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contacts	13	-	-	-	-	4	6	3	-	1	-	-	-	-	-	1	-	-
Persons covered by special surveys	23	-	-	-	-	4	8	11	-	4	-	-	-	-	-	1	3	-
Persons in factories/offices (general surveys)	885	-	-	1	7	339	451	87	-	42	-	-	1	2	25	11	3	-
Persons in prisons, borstals, etc.	34	-	-	-	1	9	6	18	-	8	-	-	-	-	1	1	6	-
General public volunteers	1,056	-	-	-	16	269	419	352	-	176	-	1	-	5	59	64	49	-
Ante-natal cases	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-
Persons residing in or employed at mental hospitals and mental institutions	49	-	-	-	-	10	17	22	-	23	-	-	-	1	1	8	15	-
All examinee groups other than persons referred by general practitioners	2,110	1	2	1	24	647	927	508	-	262	-	1	1	9	87	86	78	-
Rate per 1,000 examinations	0.38	0.00	0.00	0.00	0.02	0.34	1.98	3.65	0.00	0.08	0.00	0.00	0.00	0.01	0.07	0.30	0.71	0.00
Persons referred by general practitioners	2,340	1	-	1	23	751	970	594	-	246	-	2	1	6	72	83	82	-
Rate per 1,000 examinations	7.88	0.05	0.00	0.03	0.39	8.98	22.82	30.88	0.00	0.86	0.00	0.06	0.03	0.09	0.81	3.48	8.91	0.00
All examinee groups	4,450	2	2	2	47	1,398	1,897	1,102	-	508	-	3	2	15	159	169	160	-
Rate per 1,000 examinations	0.76	0.00	0.00	0.00	0.04	0.69	3.68	6.95	0.00	0.11	0.00	0.00	0.00	0.02	0.11	0.55	1.32	0.00

Table 3 - *continued*

Examinee group	Males									Females								
	All ages	Under 15	15-	20-	25-	35-	55-	65 and over	Not stated	All ages	Under 15	15-	20-	25-	35-	55-	65 and over	Not stated
										Sarcoidosis and collegenous diseases								
Out-patients and in-patients of hospitals	3	-	-	-	2	-	1	-	-	2	-	-	-	2	-	-	-	-
H.M. Forces recruits	41	-	21	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
School children (school groups)	7	5	2	-	-	-	-	-	-	8	7	1	-	-	-	-	-	-
Contacts	3	-	-	1	1	-	-	1	-	8	-	1	4	2	1	-	-	-
Persons covered by special surveys	4	-	-	-	1	3	-	-	-	2	-	-	-	-	1	1	-	-
Persons in factories/offices (general surveys)	293	-	8	51	129	89	14	2	-	190	-	16	52	74	45	3	-	-
Persons in prisons, borstals, etc.	4	-	-	-	2	1	1	-	-	-	-	-	-	-	-	-	-	-
General public volunteers	153	-	4	16	64	57	10	2	-	287	-	6	31	92	132	24	2	-
Ante-natal cases	-	-	-	-	-	-	-	-	-	15	-	-	5	10	-	-	-	-
Persons residing in or employed at mental hospitals and mental institutions	16	1	-	1	5	5	1	3	-	9	-	-	-	1	7	1	-	-
All examinee groups other than persons referred by general practitioners	524	6	35	89	204	155	27	8	-	521	7	24	92	181	186	29	2	-
Rate per 1,000 examinations	0.09	0.01	0.04	0.15	0.17	0.08	0.06	0.06	0.00	0.12	0.02	0.03	0.14	0.21	0.14	0.10	0.02	0.00
Persons referred by general practitioners	78	-	3	14	25	27	6	3	-	143	2	5	19	54	56	4	3	-
Rate per 1,000 examinations	0.28	0.00	0.14	0.49	0.42	0.25	0.14	0.16	0.00	0.50	0.11	0.15	0.48	0.78	0.63	0.17	0.25	0.00
All examinee groups	602	6	38	103	229	182	33	11	-	664	9	29	111	235	242	33	5	-
Rate per 1,000 examinations	0.10	0.01	0.05	0.17	0.18	0.09	0.06	0.07	0.00	0.14	0.02	0.04	0.16	0.25	0.17	0.11	0.04	0.00
										Congenital abnormalities of the heart and vessels								
Out-patients and in-patients of hospitals	2	-	-	-	1	1	-	-	-	7	-	-	2	1	-	3	1	-
H.M. Forces recruits	268	-	194	70	4	-	-	-	-	-	-	-	-	-	-	-	-	-
School children (school groups)	215	157	58	-	-	-	-	-	-	240	192	48	-	-	-	-	-	-
Contacts	20	6	9	1	3	1	-	-	-	29	15	2	2	2	7	1	-	-
Persons covered by special surveys	17	5	-	-	3	4	2	3	-	52	15	4	2	7	9	9	6	-
Persons in factories/offices (general surveys)	471	-	60	72	119	176	38	6	-	356	-	115	75	73	83	9	1	-
Persons in prisons, borstals, etc.	13	2	3	5	1	1	1	-	-	2	-	-	-	1	1	-	-	-
General public volunteers	217	12	18	27	39	77	33	11	-	373	19	38	39	93	138	31	15	-
Ante-natal cases	-	-	-	-	-	-	-	-	-	36	-	4	13	17	2	-	-	-
Persons residing in or employed at mental hospitals and mental institutions	31	2	2	2	7	6	6	2	-	34	1	2	3	7	11	4	6	-
All examinee groups other than persons referred by general practitioners	1,254	184	344	177	177	270	80	22	-	1,129	242	213	136	201	251	57	29	-
Rate per 1,000 examinations	0.23	0.38	0.43	0.31	0.15	0.14	0.17	0.16	0.00	0.25	0.52	0.27	0.21	0.23	0.19	0.20	0.26	0.00
Persons referred by general practitioner	128	13	12	9	20	41	19	14	-	103	17	10	15	22	24	11	4	-
Rate per 1,000 examinations	0.43	0.71	0.57	0.51	0.34	0.36	0.45	0.73	0.00	0.36	0.93	0.31	0.38	0.32	0.27	0.46	0.34	0.00
All examinee groups	1,382	197	356	186	197	311	99	36	-	1,232	259	223	151	223	275	68	33	-
Rate per 1,000 examinations	0.24	0.40	0.43	0.31	0.16	0.15	0.19	0.23	0.00	0.26	0.54	0.27	0.22	0.24	0.20	0.22	0.27	0.00

Table 3 - *continued*

Examinee group	Males All ages	Males Under 15	Males 15-	Males 20-	Males 25-	Males 35-	Males 55-	Males 65 and over	Males Not stated	Females All ages	Females Under 15	Females 15-	Females 20-	Females 25-	Females 35-	Females 55-	Females 65 and over	Females Not stated
Acquired abnormalities of the heart and vessels																		
Out-patients and in-patients of hospitals	24	-	-	-	-	1	3	20	-	52	-	-	-	3	14	14	21	-
H.M. Forces recruits	264	-	193	65	4	2	-	-	-	-	-	-	-	-	-	-	-	-
School children (school groups)	164	109	55	-	-	-	-	-	-	165	147	37	-	-	-	-	-	1
Contacts	66	6	3	2	6	28	13	6	-	154	10	8	2	10	62	33	29	-
Persons covered by special surveys	116	3	4	-	3	28	23	57	-	240	5	7	6	21	74	47	80	-
Persons in factories/offices (general surveys)	4,095	-	79	135	376	1,683	1,445	377	-	2,600	-	186	183	310	1,280	561	79	1
Persons in prisons, borstals, etc.	140	-	6	4	5	21	16	86	-	67	1	2	-	1	4	6	73	-
General public volunteers	3,066	2	16	36	153	784	947	1,123	1	5,512	7	69	68	356	1,972	1,676	1,343	-
Ante-natal cases	-	-	-	-	-	-	-	-	-	230	-	11	60	113	46	-	-	-
Persons residing in or employed at mental hospitals and mental institutions	295	-	2	7	9	66	55	155	1	446	1	5	1	17	94	100	227	1
All examinee groups other than persons referred by general practitioners	8,234	120	360	251	558	2,613	2,502	1,828	2	9,506	171	325	340	833	3,546	2,436	1,852	3
Rate per 1,000 examinations	1.49	0.25	0.45	0.44	0.47	1.36	5.29	13.13	1.04	2.13	0.37	0.41	0.53	0.95	2.73	8.52	16.89	2.38
Persons referred by general practitioners	2,179	10	15	39	116	573	694	732	-	1,985	13	29	60	169	649	510	535	-
Rate per 1,000 examinations	7.34	0.55	0.72	1.35	1.96	5.32	16.33	37.99	0.00	6.96	0.71	0.89	1.50	2.74	7.29	21.19	45.11	0.00
All examinee groups	10,413	130	375	290	674	3,186	3,196	2,560	2	11,491	184	354	400	1,022	4,196	2,946	2,387	3
Rate per 1,000 examinations	1.79	0.26	0.46	0.48	0.54	1.57	6.20	16.16	0.98	2.42	0.38	0.43	0.59	1.08	3.02	9.51	19.65	2.21

Table 4(a)(i). Males not previously examined - Examinations (excluding General Practitioner referrals) and cases of active tuberculosis discovered, by age, social class and socio-economic and occupation group. Standardised Abnormality Ratios

England and Wales

Note. For definitions, etc., see the General Notes.

	All ages	15-	20-	25-	35-	55-	65 and over	Not stated	Ratio
All males									
Number of examinations	1,880,970	405,990	227,750	404,720	610,200	159,800	71,970	540	
Number with active t.b.	4,887	452	457	1,045	1,963	698	272	-	100
Males (occupation stated)									
Number of examinations	1,669,240	284,120	209,280	390,790	592,300	152,300	60,070	300	
Number with active t.b.	4,468	345	422	985	1,863	646	206	-	98
Professional, etc., occupations (Social Class I)									
Number of examinations	43,760	2,670	5,010	13,440	16,930	3,920	1,770	20	
Number with active t.b.	93	2	13	24	42	10	2	-	74
Intermediate occupations (Social Class II)									
Number of examinations	175,200	11,920	18,320	43,830	75,670	17,110	8,310	40	
Number with active t.b.	379	14	32	91	171	53	16	-	74
Skilled occupations (Social Class III)									
Number of examinations	961,010	177,160	136,080	229,990	329,430	77,590	30,580	160	
Number with active t.b.	2,554	227	282	607	1,021	310	107	-	99
Partly skilled occupations (Social Class IV)									
Number of examinations	259,440	47,730	28,340	56,400	93,380	24,960	8,560	70	
Number with active t.b.	660	48	43	131	284	124	30	-	94
Unskilled occupations (Social Class V)									
Number of examinations	229,830	44,640	23,530	45,130	76,890	28,720	10,850	70	
Number with active t.b.	782	54	52	132	345	151	48	-	125
Farmers (Socio-economic group 1)									
Number of examinations	11,870	660	830	2,480	4,940	1,690	1,260	10	
Number with active t.b.	11	-	-	2	5	1	3	-	30
Agricultural workers (Socio-economic group 2)									
Number of examinations	37,330	14,000	3,220	5,700	9,570	2,900	1,940	-	
Number with active t.b.	63	13	3	9	24	12	2	-	72
Higher administrative, professional and managerial (Socio-economic group 3)									
Number of examinations	43,760	2,670	5,010	13,440	16,930	3,920	1,770	20	
Number with active t.b.	93	2	13	24	42	10	2	-	74
Other administrative, professional and managerial (Socio-economic group 4)									
Number of examinations	134,140	10,760	16,120	35,820	55,110	11,760	4,540	30	
Number with active t.b.	296	15	29	76	128	36	10	-	77
Shopkeepers (including proprietors and managers of wholesale businesses) (Socio-economic group 5)									
Number of examinations	35,600	1,230	1,840	8,930	16,610	4,280	2,710	-	
Number with active t.b.	89	1	4	17	44	17	6	-	79
Clerical workers (Socio-economic group 6)									
Number of examinations	124,150	23,480	15,610	26,570	40,980	13,030	4,460	20	
Number with active t.b.	379	36	57	88	133	46	19	-	108
Shop assistants (Socio-economic group 7)									
Number of examinations	50,680	16,770	4,660	11,000	13,920	3,090	1,200	-	
Number with active t.b.	151	27	19	37	45	20	3	-	126
Personal service (Socio-economic group 8)									
Number of examinations	30,440	4,750	2,500	4,320	12,240	4,670	1,960	-	
Number with active t.b.	121	5	9	11	59	30	7	-	136

Table 4(e)(i) - *continued*

	All ages	15-	20-	25-	35-	55-	65 and over	Not stated	Ratio
Foremen (Socio-economic group 9)									
Number of examinations	42,170	2,600	1,790	7,320	22,530	6,690	1,240	-	
Number with active t.b.	103	2	5	15	63	14	4	-	76
Skilled workers (Socio-economic group 10)									
Number of examinations	729,920	126,520	108,650	176,910	241,170	52,120	22,410	140	
Number with active t.b.	1,854	155	213	455	738	217	76	-	97
Semi-skilled workers (Socio-economic group 11)									
Number of examinations	216,200	35,220	22,970	52,320	79,660	19,970	5,790	70	
Number with active t.b.	562	36	37	122	242	101	24	-	96
Unskilled workers (Socio-economic group 12)									
Number of examinations	226,060	44,090	23,250	44,730	75,490	27,950	10,480	70	
Number with active t.b.	755	52	50	129	336	141	47	-	123
Armed Forces (other ranks) (Socio-economic group 13)									
Number of examinations	6,740	1,390	2,610	1,280	950	230	290	20	
Number with active t.b.	11	1	3	-	4	1	2	-	*73*
Fishermen (Occn. code 000)									
Number of examinations	360	70	30	70	170	10	30	-	
Number with active t.b.	1	-	-	-	-	-	1	-	*(100)*
Agricultural, etc., occupations (Occn. codes 010-030)									
Number of examinations	49,200	14,660	4,050	6,180	14,510	4,590	5,200	10	
Number with active t.b.	74	13	3	11	29	13	5	-	60
Mining and quarrying occupations (Occn. codes 040-059)									
Number of examinations	76,280	8,820	6,940	15,170	31,640	10,850	4,820	20	
Number with active t.b.	157	3	8	34	67	32	15	-	69
Workers in ceramics, glass, cement, etc. (Occn. codes 060-089)									
Number of examinations	12,590	2,110	1,300	3,300	4,830	830	220	-	
Number with active t.b.	26	1	1	7	15	4	-	-	*85*
Coal gas, etc. makers, workers in chemicals (Occn. codes 090-109)									
Number of examinations	17,030	660	1,750	5,220	7,970	1,210	220	-	
Number with active t.b.	40	1	3	10	21	4	1	-	*82*
Workers in metal manufacture, engineering (Occn. codes 110-279)									
Number of examinations	360,430	71,920	56,780	101,180	118,160	22,990	7,260	100	
Number with active t.b.	906	86	105	240	362	86	27	-	94
Workers in "hot" metal (Occn. codes 121-151)									
Number of examinations	31,780	3,690	3,310	8,450	12,670	2,570	1,080	30	
Number with active t.b.	73	4	4	10	42	11	2	-	82
Platers, riveters, shipwrights (Occn. codes 160-164)									
Number of examinations	11,360	2,560	1,930	2,630	2,830	960	410	-	
Number with active t.b.	40	5	5	6	15	5	4	-	*143*
Textile workers (Occn. codes 280-349)									
Number of examinations	22,100	3,680	2,220	4,640	7,950	2,590	820	-	
Number with active t.b.	92	16	7	16	36	14	3	-	151
Leather workers, fur dressers (Occn. codes 350-379)									
Number of examinations	11,460	3,540	1,420	2,070	3,140	870	420	-	
Number with active t.b.	31	4	4	7	12	2	2	-	*111*
Makers of textile goods and articles of dress (Occn. codes 360-419)									
Number of examinations	12,830	3,240	1,530	2,010	4,230	1,060	560	-	
Number with active t.b.	40	4	9	6	10	8	1	-	*125*

Table 4(a)(I) - *continued*

	All ages	15-	20-	25-	35-	55-	65 and over	Not stated	Ratio
Garment workers (Occn. codes 380-389)									
Number of examinations	5,560	1,760	820	1,140	1,890	580	370	-	
Number with active t.b.	22	1	6	7	5	2	-	-	*129*
Makers of foods, drinks and tobacco (Occn. codes 420-469)									
Number of examinations	20,950	2,990	5,170	4,740	6,000	1,440	510	-	
Number with active t.b.	51	1	9	10	22	7	2	-	91
Workers in wood, cane and cork (Occn. codes 470-489)									
Number of examinations	56,970	11,930	11,040	11,460	16,580	3,350	2,480	30	
Number with active t.b.	128	21	18	24	47	12	5	-	90
Makers of, workers in, paper; printers (Occn. codes 500-539)									
Number of examinations	25,140	6,300	4,820	4,650	7,860	1,680	560	10	
Number with active t.b.	55	4	9	10	25	5	1	-	65
Makers of products (not elsewhere specified) (Occn. codes 540-579)									
Number of examinations	11,250	1,370	1,630	3,210	4,170	550	210	10	
Number with active t.b.	27	-	3	7	14	3	-	-	*90*
Workers in building and contracting (Occn. codes 580-599)									
Number of examinations	59,270	14,430	9,270	13,100	23,920	5,750	2,750	20	
Number with active t.b.	152	15	15	26	61	25	9	-	84
Painters and decorators (Occn. codes 600-609)									
Number of examinations	34,060	5,020	4,970	6,950	13,330	2,540	1,240	10	
Number with active t.b.	96	5	13	11	44	15	4	-	104
Administrators, directors, managers (not elsewhere specified) (Occn. codes 610-629)									
Number of examinations	26,720	200	1,010	5,420	15,300	3,570	1,110	10	
Number with active t.b.	63	-	2	11	37	11	2	-	75
Persons employed in transport, etc. (Occn. codes 630-709)									
Number of examinations	137,900	21,800	11,550	31,740	52,820	14,410	5,540	10	
Number with active t.b.	422	23	29	92	185	55	25	-	110
Ticket collectors and examiners (Occn. code 638)									
Number of examinations	290	-	20	10	130	110	20	-	
Number with active t.b.	1	-	-	-	-	1	-	-	*(100)*
Porters (including lampmen) (Occn. code 639)									
Number of examinations	5,290	980	280	610	1,550	1,000	390	-	
Number with active t.b.	12	-	-	1	5	3	2	-	*75*
Drivers of trams, trolleybuses, buses and coaches (Occn. codes 655-657)									
Number of examinations	7,420	-	350	2,280	3,780	750	290	-	
Number with active t.b.	25	1	-	7	14	3	1	-	*113*
Bus and tram conductors (Occn. code 661)									
Number of examinations	4,440	240	590	1,370	1,880	270	90	-	
Number with active t.b.	21	-	2	8	9	1	1	-	*162*
Seamen, firemen and domestic staff on ships (Occn. codes 675, 577, 575)									
Number of examinations	7,630	2,340	1,580	1,520	1,350	330	400	-	
Number with active t.b.	31	1	7	6	10	5	1	-	*162*
Commercial, finance, etc. (exc. clerical) (Occn. codes 710-759)									
Number of examinations	110,140	19,870	7,550	22,750	43,900	10,370	5,390	10	
Number with active t.b.	292	30	25	64	115	43	14	-	96
Professional and technical (exc. clerical) (Occn. codes 760-819)									
Number of examinations	102,050	11,550	17,540	33,190	31,460	5,420	2,470	30	
Number with active t.b.	185	12	34	65	53	9	1	-	69

Table 4(a)(i) - *continued*

	All ages	15-	20-	25-	35-	55-	65 and over	Not stated	Ratio
Teachers (including music) (Occn. codes 780, 785)									
Number of examinations	16,980	150	1,440	6,450	6,920	1,280	740	-	
Number with active t.b.	21	-	-	10	11	-	-	-	*37*
Persons employed in defence services (Occn. codes 820-839)									
Number of examinations	26,770	2,440	4,420	6,730	6,730	2,610	1,620	20	
Number with active t.b.	64	1	5	13	26	13	6	-	65
Persons engaged in entertainments and sport (Occn. codes 840-855)									
Number of examinations	7,820	2,230	640	1,830	2,220	710	390	-	
Number with active t.b.	16	1	-	5	5	5	2	-	*90*
Persons engaged in personal service (Occn. codes 861-888)									
Number of examinations	40,150	5,140	2,700	5,960	17,470	6,240	2,640	-	
Number with active t.b.	154	6	8	15	76	39	8	-	126
Publicans, innkeepers, barmen, etc. (Occn. codes 865-866)									
Number of examinations	2,680	100	110	310	1,460	450	250	-	
Number with active t.b.	15	-	-	1	10	3	1	-	*167*
Kitchen hands (Occn. code 883)									
Number of examinations	2,500	470	260	280	850	470	150	-	
Number with active t.b.	20	2	2	3	7	5	1	-	*286*
Clerks, typists, etc. (Occn. codes 890-896)									
Number of examinations	143,670	27,490	19,570	32,360	46,070	13,840	4,520	20	
Number with active t.b.	408	42	44	100	161	51	20	-	108
Warehousemen, storekeepers, packers, etc. (Occn. codes 900-909)									
Number of examinations	57,820	8,420	5,800	11,920	21,900	7,820	1,960	-	
Number with active t.b.	161	7	13	45	66	22	8	-	.96
Stationary engine drivers, stokers, etc. (Occn. codes 910-921)									
Number of examinations	30,590	1,690	1,650	7,240	14,410	4,180	1,210	10	
Number with active t.b.	91	4	1	16	45	16	9	-	98
Workers in unskilled occupations (not elsewhere specified) (Occn. codes 930-950)									
Number of examinations	192,370	32,710	22,310	43,360	65,790	20,680	7,270	50	
Number with active t.b.	690	39	55	132	302	133	29	-	132
Assemblers, machine minders (Occn. codes 930-932)									
Number of examinations	31,490	4,680	4,790	9,800	10,690	1,460	270	-	
Number with active t.b.	100	4	16	27	36	16	1	-	123
Other and undefined workers (Occn. codes 961-979)									
Number of examinations	12,310	1,340	990	2,340	5,660	1,540	430	10	
Number with active t.b.	40	2	-	5	22	7	4	-	*111*
Not gainfully occupied or occupation not stated									
Number of examinations	191,730	121,670	16,470	13,930	17,900	7,500	11,900	160	
Number with active t.b.	419	107	35	60	100	50	67	-	122

Table 4(a)(ii). Males - Examinations among General Practitioner referrals and cases of active tuberculosis discovered, by age, social class and socio-economic and occupation group. Standardised Abnormality Ratios

England and Wales

Note. For definitions, etc., see the General Notes.

	All ages	15-	20-	25-	35-	55-	65 and over	Not stated	Ratio
All males									
Number of examinations	278,590	20,940	26,840	59,270	107,650	42,500	19,270	120	
Number with active t.b.	3,431	211	292	650	1,379	626	272	1	100
Males (occupation stated)									
Number of examinations	269,170	17,380	27,270	50,500	106,940	41,910	17,070	100	
Number with active t.b.	3,342	189	204	639	1,360	615	246	1	101
Professional, etc., occupations (Social Class I)									
Number of examinations	5,380	230	480	1,470	2,310	580	300	10	
Number with active t.b.	38	1	4	11	13	8	1	-	*58*
Intermediate occupations (Social Class II)									
Number of examinations	28,310	780	2,070	8,140	12,030	3,540	1,770	-	
Number with active t.b.	238	6	18	48	108	43	15	-	73
Skilled occupations (Social Class III)									
Number of examinations	155,690	11,950	17,180	35,010	60,550	22,060	8,900	50	
Number with active t.b.	1,818	137	177	349	725	306	123	1	96
Partly skilled occupations (Social Class IV)									
Number of examinations	36,920	2,190	3,610	7,760	15,150	6,100	2,090	20	
Number with active t.b.	497	23	44	83	229	88	30	-	109
Unskilled occupations (Social Class V)									
Number of examinations	44,870	2,250	3,930	8,120	16,900	9,640	4,010	20	
Number with active t.b.	751	20	41	150	293	170	77	-	132
Farmers (Socio-economic group 1)									
Number of examinations	840	30	60	150	330	180	90	-	
Number with active t.b.	6	-	1	-	4	1	-	-	*(55)*
Agricultural workers (Socio-economic group 2)									
Number of examinations	2,330	220	230	450	720	410	290	10	
Number with active t.b.	25	3	2	7	8	2	3	-	*68*
Higher administrative, professional and managerial (Socio-economic group 3)									
Number of examinations	5,380	230	460	1,470	2,310	580	300	10	
Number with active t.b.	38	1	4	11	13	8	1	-	*58*
Other administrative, professional and managerial (Socio-economic group 4)									
Number of examinations	19,200	670	1,720	5,030	8,430	2,300	1,050	-	
Number with active t.b.	157	7	16	32	67	26	9	-	67
Shopkeepers (including proprietors and managers of wholesale businesses) (Socio-economic group 5)									
Number of examinations	7,470	90	380	1,200	3,810	1,250	740	-	
Number with active t.b.	84	1	2	15	41	18	7	-	88
Clerical workers (Socio-economic group 6)									
Number of examinations	17,810	1,020	2,060	3,850	6,400	3,240	1,240	-	
Number with active t.b.	231	20	29	41	74	46	20	1	104
Shop assistants (Socio-economic group 7)									
Number of examinations	8,990	1,160	1,090	2,360	3,020	930	430	-	
Number with active t.b.	96	17	9	14	37	10	9	-	90
Personal service (Socio-economic group 8)									
Number of examinations	6,470	440	720	1,000	2,490	1,230	580	10	
Number with active t.b.	107	7	7	10	50	26	7	-	132

Table 4(a)(ii) – *continued*

	All ages	15-	20-	25-	35-	55-	65 and over	Not stated	Ratio
Foremen (Socio-economic group 9)									
Number of examinations	8,070	130	400	970	4,050	1,920	590	-	
Number with active t.b.	84	1	3	13	50	18	1	-	80
Skilled workers (Socio-economic group 10)									
Number of examinations	114,260	8,880	12,080	28,870	44,970	15,290	8,340	30	
Number with active t.b.	1,329	93	125	271	529	221	90	-	95
Semi-skilled workers (Socio-economic group 11)									
Number of examinations	32,420	1,920	3,220	7,140	13,520	5,100	1,500	20	
Number with active t.b.	438	18	43	74	205	75	23	-	110
Unskilled workers (Socio-economic group 12)									
Number of examinations	44,320	2,220	3,920	8,090	18,720	9,460	3,890	20	
Number with active t.b.	742	20	41	150	289	186	78	-	133
Armed Forces (other ranks) (Socio-economic group 13)									
Number of examinations	1,610	370	910	120	160	20	30	-	
Number with active t.b.	5	1	2	1	1	-	-	-	*(29)*
Fishermen (Occn. code 000)									
Number of examinations	70	-	10	30	20	10	-	-	
Number with active t.b.	1	1	-	-	-	-	-	-	*(100)*
Agricultural, etc. occupations (Occn. codes 010-030)									
Number of examinations	3,170	250	290	800	1,050	590	380	10	
Number with active t.b.	31	3	3	7	12	3	3	-	*76*
Mining and quarrying occupations (Occn. codes 040-089)									
Number of examinations	9,920	530	810	1,540	4,620	1,850	780	10	
Number with active t.b.	85	7	7	11	28	11	3	-	52
Workers in ceramics, glass, cement, etc. (Occn. codes 080-089)									
Number of examinations	1,780	140	140	330	790	280	110	10	
Number with active t.b.	14	2	1	2	7	2	-	-	*64*
Coal gas, etc. makers, workers in chemicals (Occn. codes 090-109)									
Number of examinations	1,810	40	130	430	840	320	50	-	
Number with active t.b.	18	1	-	1	10	8	-	-	*78*
Workers in metal manufacture, engineering (Occn. codes 110-279)									
Number of examinations	56,560	4,980	5,810	13,980	22,140	7,240	2,730	-	
Number with active t.b.	710	51	57	158	302	102	42	-	103
Workers in "hot" metal (Occn. codes 121-151)									
Number of examinations	8,540	280	380	1,810	3,080	980	350	-	
Number with active t.b.	102	4	4	18	52	18	8	-	124
Platers, riveters, shipwrights (Occn. codes 160-164)									
Number of examinations	2,050	280	190	400	530	470	200	-	
Number with active t.b.	38	4	1	8	11	10	4	-	*152*
Textile workers (Occn. codes 280-349)									
Number of examinations	680	110	10	190	210	120	40	-	
Number with active t.b.	12	1	3	2	4	1	1	-	*150*
Leather workers, fur dressers (Occn. codes 350-379)									
Number of examinations	1,240	180	110	230	360	240	150	-	
Number with active t.b.	28	2	1	8	9	3	4	-	*167*
Makers of textile goods and articles of dress (Occn. codes 380-419)									
Number of examinations	2,300	210	260	500	870	330	130	-	
Number with active t.b.	25	2	4	8	6	1	8	-	*89*

Table 4(a)(ii) – *continued*

	All ages	15-	20-	25-	35-	55-	65 and over	Not stated	Ratio
Garment workers (Occn. codes 380-369)									
Number of examinations	1,450	120	170	350	510	230	70	-	
Number with active t.b.	19	2	4	6	2	1	4	-	*106*
Makers of foods, drinks and tobacco (Occn. codes 420-469)									
Number of examinations	2,610	150	300	560	1,190	380	230	-	
Number with active t.b.	27	2	-	6	10	6	1	-	*77*
Workers in wood, cane and cork (Occn. codes 470-469)									
Number of examinations	7,990	650	1,000	1,600	3,060	800	680	-	
Number with active t.b.	94	13	10	10	35	19	7	-	97
Makers of, workers in, paper; printers (Occn. codes 500-539)									
Number of examinations	2,560	300	590	480	960	400	130	-	
Number with active t.b.	34	3	4	3	14	7	3	-	*97*
Makers of products (not elsewhere specified) (Occn. codes 540-579)									
Number of examinations	2,260	110	230	690	680	270	80	-	
Number with active t.b.	22	-	3	8	6	4	1	-	*81*
Workers in building and contracting (Occn. codes 580-599)									
Number of examinations	12,410	690	1,140	2,640	5,480	1,720	740	-	
Number with active t.b.	173	9	11	33	75	26	19	-	113
Painters and decorators (Occn. codes 600-609)									
Number of examinations	6,430	370	430	1,230	2,980	1,010	400	10	
Number with active t.b.	60	5	5	14	28	23	5	-	100
Administrators, directors, managers (not elsewhere specified) (Occn. codes 610-629)									
Number of examinations	4,040	10	120	750	2,360	580	220	-	
Number with active t.b.	26	-	1	4	15	5	1	-	*51*
Persons employed in transport, etc. (Occn. codes 630-709)									
Number of examinations	34,790	2,000	3,840	7,860	13,640	5,490	1,950	10	
Number with active t.b.	434	14	36	90	181	87	26	-	101
Ticket collectors and examiners (Occn. code 638)									
Number of examinations	60	-	-	-	30	20	10	-	
Number with active t.b.	2	-	-	-	1	1	-	-	*(200)*
Porters (including lampmen) (Occn. code 639)									
Number of examinations	1,020	60	60	140	420	260	80	-	
Number with active t.b.	21	1	-	5	7	6	2	-	*162*
Drivers of trams, trolley buses, buses and coaches (Occn. codes 655-657)									
Number of examinations	1,900	-	110	510	950	290	40	-	
Number with active t.b.	18	-	-	5	8	4	1	-	*75*
Bus and tram conductors (Occn. code 661)									
Number of examinations	1,540	50	200	460	590	200	40	-	
Number with active t.b.	29	3	6	6	11	3	-	-	*153*
Seamen, firemen and domestic staff on ships (Occn. codes 675, 677, 676)									
Number of examinations	6,150	930	1,530	1,580	1,590	430	100	10	
Number with active t.b.	85	4	11	19	37	9	5	-	121
Commercial, finance, etc. (exc. clerical) (Occn. codes 710-759)									
Number of examinations	20,790	1,320	1,720	4,540	6,900	2,540	1,470	-	
Number with active t.b.	218	19	13	35	100	53	18	-	85
Professional and technical (exc. clerical) (Occn. codes 760-619)									
Number of examinations	11,690	900	1,610	3,970	4,340	700	360	10	
Number with active t.b.	79	7	13	26	25	7	1	-	56

Table 4(a)(ii) - *continued*

	All ages	15-	20-	25-	35-	55-	65 and over	Not stated	Ratio
Teachers (including music) (Occn. codes 760,785)									
Number of examinations	2,070	20	190	710	900	120	130	-	
Number with active t.b.	10	-	2	3	4	1	-	-	*40*
Persons employed in defence services (Occn. codes 820-839)									
Number of examinations	5,020	450	1,170	650	1,270	760	520	-	
Number with active t.b.	45	1	2	5	13	15	9	-	*74*
Persons engaged in entertainments and sport (Occn. codes 840-655)									
Number of examinations	1,250	100	130	370	440	130	80	-	
Number with active t.b.	22	2	3	5	6	4	2	-	*147*
Persons engaged in personal service (Occn. codes 661-668)									
Number of examinations	8,240	390	600	1,280	3,550	1,620	790	10	
Number with active t.b.	135	7	7	12	68	33	8	-	129
Publicans, innkeepers, barmen, etc. (Occn. codes 665, 666)									
Number of examinations	1,130	20	90	140	560	220	100	-	
Number with active t.b.	33	2	-	3	22	8	-	-	*236*
Kitchen hands (Occn. code 663)									
Number of examinations	330	30	10	30	100	70	90	-	
Number with active t.b.	5	-	-	-	2	3	-	-	*(125)*
Clerks, typists, etc. (Occn. codes 690-895)									
Number of examinations	19,640	1,120	2,350	4,590	6,840	3,420	1,320	-	
Number with active t.b.	244	21	32	47	74	46	23	1	100
Warehousemen, storekeepers, packers, etc. (Occn. codes 900-909)									
Number of examinations	6,950	480	1,000	1,260	3,510	1,980	720	-	
Number with active t.b.	121	3	16	20	55	21	6	-	107
Stationary engine drivers, stokers, etc. (Occn. codes 910-921)									
Number of examinations	5,110	80	270	610	2,310	1,270	370	-	
Number with active t.b.	62	-	5	6	22	22	7	-	94
Workers in unskilled occupations (not elsewhere specified) (Occn. codes 930-950)									
Number of examinations	34,670	1,600	3,570	6,670	13,120	7,000	2,460	30	
Number with active t.b.	596	13	46	122	249	119	50	-	138
Assemblers, machine minders (Occn. codes 930-932)									
Number of examinations	3,670	200	540	1,160	1,380	250	150	10	
Number with active t.b.	59	3	10	14	24	5	3	-	137
Other and undefined workers (Occn. codes 961-979)									
Number of examinations	2,470	70	130	320	1,190	580	180	-	
Number with active t.b.	27	-	2	2	16	7	-	-	*84*
Not gainfully occupied or occupation not stated									
Number of examinations	9,420	3,560	1,570	770	710	590	2,200	20	
Number with active t.b.	69	22	6	11	11	11	26	-	82

Table 4(e)(iii). Males previously examined - Examinations (excluding General Practitioner referrals) and cases of active tuberculosis discovered, by age, social class and socio-economic and occupation group. Standardised Abnormality Ratios — England and Wales

Note. For definitions, etc., see the General Notes.

	All ages	15-	20-	25-	35-	55-	65 and over	Not stated	Ratio
All males									
Number of examinations	3,207,920	392,800	347,340	779,790	1,305,980	313,350	67,270	1,390	
Number with active t.b.	3,686	396	437	862	1,395	468	125	3	100
Males (occupation stated)									
Number of examinations	2,957,160	266,860	206,620	760,390	1,201,420	303,300	57,730	840	
Number with active t.b.	3,395	306	300	837	1,332	440	97	3	100
Professional, etc., occupations (Social Class I)									
Number of examinations	106,140	4,470	11,680	35,710	44,970	8,140	1,170	30	
Number with active t.b.	79	2	12	25	32	7	1	-	66
Intermediate occupations (Social Class II)									
Number of examinations	376,740	16,900	36,490	113,760	170,970	31,060	5,370	190	
Number with active t.b.	349	17	49	114	142	23	4	-	61
Skilled occupations (Social Class III)									
Number of examinations	1,663,700	186,680	197,770	482,330	789,330	174,740	32,160	470	
Number with active t.b.	2,129	233	266	518	823	240	46	3	100
Partly skilled occupations (Social Class IV)									
Number of examinations	348,040	30,120	22,100	79,570	164,470	44,040	7,670	70	
Number with active t.b.	438	30	34	115	164	80	15	-	109
Unskilled occupations (Social Class V)									
Number of examinations	282,540	26,490	16,610	49,020	111,680	45,320	11,340	80	
Number with active t.b.	400	24	19	65	171	90	31	-	126
Farmers (Socio-economic group 1)									
Number of examinations	4,560	370	440	1,060	1,830	530	320	10	
Number with active t.b.	3	-	-	-	2	1	-	-	*(60)*
Agricultural workers (Socio-economic group 2)									
Number of examinations	23,160	6,040	1,990	3,660	7,720	2,600	920	10	
Number with active t.b.	15	3	1	2	5	3	1	-	*56*
Higher administrative, professional and managerial (Socio-economic group 3)									
Number of examinations	106,140	4,470	11,650	35,710	44,970	6,140	1,170	30	
Number with active t.b.	79	2	12	25	32	7	1	-	65
Other administrative, professional and managerial (Socio-economic group 4)									
Number of examinations	351,680	16,490	37,350	108,340	157,230	26,260	3,820	170	
Number with active t.b.	323	19	47	104	130	20	3	-	61
Shopkeepers (including proprietors and managers of wholesale businesses) (Socio-economic group 5)									
Number of examinations	34,090	500	1,750	7,620	18,740	3,740	1,420	20	
Number with active t.b.	42	1	5	15	15	5	1	-	*105*
Clerical workers (Socio-economic group 6)									
Number of examinations	375,370	32,210	37,880	102,390	155,220	41,530	6,020	120	
Number with active t.b.	421	35	52	112	169	52	11	-	97
Shop assistants (Socio-economic group 7)									
Number of examinations	54,810	12,480	6,690	14,620	16,450	2,740	830	-	
Number with active t.b.	87	21	11	15	32	6	1	1	141
Personal service (Socio-economic group 8)									
Number of examinations	35,240	4,090	2,310	6,170	15,950	6,170	1,550	-	
Number with active t.b.	66	5	4	10	19	15	3	-	133

	All ages	15-	20-	25-	35-	55-	65 and over	Not stated	Ratio
Foremen (Socio-economic group 9)									
Number of examinations	103,910	2,280	2,460	17,000	62,930	17,320	1,870	80	
Number with active t.b.	100	2	4	11	57	23	3	-	65
Skilled workers (Socio-economic group 10)									
Number of examinations	1,287,580	132,530	144,090	340,080	537,630	110,210	22,760	280	
Number with active t.b.	1,471	167	190	366	559	154	31	2	100
Semi-skilled workers (Socio-economic group 11)									
Number of examinations	312,310	24,440	19,760	74,950	149,430	37,720	5,940	70	
Number with active t.b.	400	27	60	111	151	86	13	-	111
Unskilled workers (Socio-economic group 12)									
Number of examinations	259,160	28,180	16,470	46,670	110,540	44,200	11,020	80	
Number with active t.b.	390	23	19	64	169	86	29	-	127
Armed Forces (other ranks) (Socio-economic group 13)									
Number of examinations	9,150	2,480	4,780	900	760	120	90	-	
Number with active t.b.	8	1	5	-	2	-	-	-	*(73)*
Fishermen (Occn. code 000)									
Number of examinations	150	20	10	40	40	20	20	-	
Number with active t.b.	1	-	-	1	-	-	-	-	*(x)*
Agricultural, etc. occupations (Occn. codes 010-030)									
Number of examinations	27,720	6,410	2,430	4,940	9,550	3,130	1,240	20	
Number with active t.b.	16	3	1	2	7	4	1	-	*58*
Mining and quarrying occupations (Occn. codes 040-059)									
Number of examinations	91,000	4,760	5,450	15,960	44,410	15,510	4,910	-	
Number with active t.b.	77	4	5	11	33	16	6	-	71
Workers in ceramics, glass, cement, etc. (Occn. codes 060-089)									
Number of examinations	16,560	1,580	1,660	3,600	8,730	1,420	190	-	
Number with active t.b.	29	4	1	9	13	2	-	-	*136*
Coal gas, etc. makers, workers in chemicals (Occn. codes 090-109)									
Number of examinations	34,600	610	1,280	6,870	19,890	3,980	370	-	
Number with active t.b.	33	2	2	13	12	4	-	-	*63*
Workers in metal manufacture, engineering (Occn. codes 110-279)									
Number of examinations	600,650	61,650	69,450	222,690	330,680	66,040	10,220	150	
Number with active t.b.	919	106	126	236	333	106	10	2	101
Workers in "hot" metal (Occn. codes 121-151)									
Number of examinations	58,920	3,260	3,790	13,170	29,490	6,100	1,100	10	
Number with active t.b.	62	2	8	14	32	7	1	-	98
Platers, riveters, shipwrights (Occn. codes 160-164)									
Number of examinations	22,940	3,760	3,200	5,330	7,770	2,340	530	10	
Number with active t.b.	32	7	3	10	7	5	-	-	*123*
Textile workers (Occn. codes 280-349)									
Number of examinations	39,840	3,160	2,520	9,090	18,780	5,270	1,040	10	
Number with active t.b.	50	6	-	6	24	10	4	-	109
Leather workers, fur dressers (Occn. codes 350-379)									
Number of examinations	34,100	3,910	2,500	7,160	15,130	4,500	900	-	
Number with active t.b.	56	8	3	12	28	6	1	-	140
Makers of textile goods and articles of dress (Occn. codes 380-419)									
Number of examinations	19,610	2,980	2,050	4,650	7,960	1,530	460	-	
Number with active t.b.	25	3	3	6	12	1	-	-	*114*

	All ages	15-	20-	25-	35-	55-	65 and over	Not stated	Ratio
Garment workers (Occn. codes 360-369)									
Number of examinations	9,220	1,560	1,030	2,350	3,190	890	200	-	
Number with active t.b.	10	2	1	4	3	-	-	-	*91*
Makers of foods, drinks and tobacco (Occn. codes 420-469)									
Number of examinations	26,500	2,390	1,960	6,610	12,260	2,720	350	10	
Number with active t.b.	16	-	2	3	9	2	-	-	*53*
Workers in wood, cane and cork (Occn. codes 470-469)									
Number of examinations	87,460	10,790	12,830	20,470	34,900	6,770	1,700	20	
Number with active t.b.	94	16	14	27	25	7	5	-	94
Makers of, workers in, paper; printers (Occn. codes 500-539)									
Number of examinations	55,350	7,770	6,580	11,990	22,340	3,940	710	20	
Number with active t.b.	70	7	18	17	22	5	1	-	111
Makers of products (not elsewhere specified) (Occn. codes 540-579)									
Number of examinations	20,940	1,390	1,720	5,540	10,470	1,490	310	20	
Number with active t.b.	22	1	2	6	11	2	-	-	*92*
Workers in building and contracting (Occn. codes 580-599)									
Number of examinations	62,190	7,590	5,630	11,740	26,260	7,070	1,860	40	
Number with active t.b.	83	3	6	15	35	16	6	-	115
Painters and decorators (Occn. codes 600-609)									
Number of examinations	41,210	3,160	3,430	8,580	20,690	4,460	890	-	
Number with active t.b.	50	5	9	8	19	4	5	-	106
Administrators, directors, managers (not elsewhere specified) (Occn. codes 610-629)									
Number of examinations	76,360	280	1,780	16,160	46,190	10,770	1,090	90	
Number with active t.b.	57	-	4	12	34	7	-	-	65
Persons employed in transport, etc. (Occn. codes 630-709)									
Number of examinations	158,210	15,250	6,560	35,060	76,060	19,370	3,850	60	
Number with active t.b.	196	10	15	52	88	26	5	-	109
Ticket collectors and examiners (Occn. code 638)									
Number of examinations	140	10	10	10	60	50	-	-	
Number with active t.b.	1	-	-	-	-	-	1	-	*(∞)*
Porters (including lampmen) (Occn. code 639)									
Number of examinations	4,050	510	310	550	1,630	800	40	10	
Number with active t.b.	7	1	2	1	2	-	1	-	*(140)*
Drivers of trams, trolleybuses, buses and coaches (Occn. codes 655-657)									
Number of examinations	8,150	-	250	1,620	5,390	830	60	-	
Number with active t.b.	14	-	1	6	5	2	-	-	*156*
Bus and tram conductors (Occn. code 661)									
Number of examinations	3,950	120	310	940	2,220	350	10	-	
Number with active t.b.	3	-	1	-	1	1	-	-	*(75)*
Seamen, firemen and domestic staff on ships (Occn. codes 675, 677, 678)									
Number of examinations	8,540	3,640	1,050	1,310	2,050	380	100	10	
Number with active t.b.	15	2	2	6	4	1	-	-	*167*
Commercial, finance, etc. (exc. clerical)) (Occn. codes 710-759)									
Number of examinations	130,230	14,600	9,650	32,330	59,570	11,190	2,860	30	
Number with active t.b.	182	25	23	47	68	16	2	1	122
Professional and technical (exc. clerical) (Occn. codes 760-819)									
Number of examinations	283,030	19,090	43,160	103,690	101,390	13,410	2,210	60	
Number with active t.b.	222	15	47	80	66	10	4	-	69

	All ages	15-	20-	25-	35-	55-	65 and over	Not stated	Ratio
Teachers (including music) (Occn. codes 780, 785)									
Number of examinations	55,780	250	3,770	21,020	27,200	3,010	530	-	
Number with active t.b.	29	-	4	10	12	2	1	-	*46*
Persons employed in defence services (Occn. codes 820-839)									
Number of examinations	46,260	3,710	7,000	12,820	20,070	3,580	1,060	20	
Number with active t.b.	36	3	5	9	13	5	1	-	*65*
Persons engaged in entertainments and sport (Occn. codes 840-855)									
Number of examinations	7,630	1,310	790	1,960	2,700	660	210	-	
Number with active t.b.	5	1	-	1	3	-	-	-	*(56)*
Persons engaged in personal service (Occn. codes 861-888)									
Number of examinations	42,970	3,850	2,450	6,860	20,790	7,260	1,760	-	
Number with active t.b.	62	4	4	12	23	16	3	-	122
Publicans, innkeepers, barmen, etc. (Occn. codes 885, 886)									
Number of examinations	1,600	60	80	270	780	350	60	-	
Number with active t.b.	1	-	-	1	-	-	-	-	*(50)*
Kitchen hands (Occn. code 883)									
Number of examinations	1,640	300	110	260	630	430	110	-	
Number with active t.b.	7	1	-	1	2	2	1	-	*(350)*
Clerks, typists, etc. (Occn. codes 890-895)									
Number of examinations	438,670	38,560	46,910	121,950	179,420	45,340	6,360	130	
Number with active t.b.	493	44	59	139	186	54	11	-	98
Warehousemen, storekeepers, packers, etc. (Occn. codes 900-909)									
Number of examinations	93,560	7,300	5,660	16,360	44,240	15,250	2,750	-	
Number with active t.b.	115	10	8	19	51	24	3	-	105
Stationary engine drivers, stokers, etc. (Occn. codes 910-921)									
Number of examinations	50,590	850	1,360	9,990	27,960	9,060	1,330	20	
Number with active t.b.	74	1	1	15	34	21	2	-	123
Workers in unskilled occupations (not elsewhere specified) (Occn. codes 930-950)									
Number of examinations	244,090	22,590	16,740	53,160	106,740	36,090	6,690	80	
Number with active t.b.	374	25	20	74	166	66	23	-	130
Assemblers, machine minders (Occn. codes 930-932)									
Number of examinations	54,150	4,420	4,520	16,850	24,260	3,550	520	30	
Number with active t.b.	80	6	7	29	33	4	1	-	131
Other and undefined workers (Occn. codes 961-979)									
Number of examinations	23,240	1,370	1,340	4,220	12,430	3,450	390	40	
Number with active t.b.	34	2	2	5	17	6	2	-	*126*
Not gainfully occupied or occupation not stated									
Number of examinations	250,760	125,940	60,720	19,400	24,560	10,050	9,540	550	
Number with active t.b.	291	90	57	25	63	26	26	-	102

Table 4(b)(i). Females - not previously examined - Examinations (excluding General Practitioner referrals) and cases of active tuberculosis discovered, by age, social class and socio-economic and occupation group. Standardised Abnormality Ratios

England and Wales

Note. For definitions, etc., see the General Notes.

	All ages	15-	20-	25-	35-	55-	65 and over	Not stated	Ratio
All females									
Number of examinations	1,714,180	349,900	202,200	350,200	592,520	146,220	72,530	610	
Number with active t.b.	3,237	568	541	940	968	144	76	-	100
Females (occupation stated)									
Number of examinations	915,710	234,860	154,740	176,660	289,680	50,910	8,530	330	
Number with active t.b.	1,842	457	435	459	434	47	10	-	102
Professional, etc., occupations (Social Class I)									
Number of examinations	2,950	170	370	860	1,110	280	130	30	
Number with active t.b.	5	1	2	1	-	-	1	-	(83)
Intermediate occupations (Social Class II)									
Number of examinations	100,160	12,310	17,570	22,900	37,990	7,600	1,710	100	
Number with active t.b.	144	21	28	36	52	6	2	-	72
Skilled occupations (Social Class III)									
Number of examinations	497,230	169,180	96,960	94,900	124,650	16,820	2,610	90	
Number with active t.b.	979	278	262	244	177	16	2	-	96
Partly skilled occupations (Social Class IV)									
Number of examinations	207,960	46,950	30,060	41,360	73,920	12,970	2,630	70	
Number with active t.b.	489	114	108	126	122	16	4	-	121
Unskilled occupations (Social Class V)									
Number of examinations	107,390	16,250	9,760	16,640	52,010	11,240	1,450	40	
Number with active t.b.	226	43	35	53	83	10	1	-	116
Farmers (Socio-economic group 1)									
Number of examinations	320	10	50	60	160	20	20	-	
Number with active t.b.	-	-	-	-	-	-	-	-	(0)
Agricultural workers (Socio-economic group 2)									
Number of examinations	3,220	560	550	880	1,090	140	-	-	
Number with active t.b.	3	1	-	1	1	-	-	-	(43)
Higher administrative, professional and managerial (Socio-economic group 3)									
Number of examinations	2,950	170	370	860	1,110	280	130	30	
Number with active t.b.	5	1	2	1	-	-	1	-	(83)
Other administrative, professional and managerial (Socio-economic group 4)									
Number of examinations	95,470	12,830	17,720	22,130	34,480	6,730	1,460	100	
Number with active t.b.	132	20	30	30	46	4	2	-	69
Shopkeepers (including proprietors and managers of wholesale businesses) (Socio-economic group 5)									
Number of examinations	8,020	210	560	1,500	4,360	1,110	280	-	
Number with active t.b.	15	2	-	6	6	1	-	-	107
Clerical workers (Socio-economic group 6)									
Number of examinations	219,890	81,080	47,940	43,350	41,140	5,690	630	60	
Number with active t.b.	423	120	131	109	52	9	2	-	94
Shop assistants (Socio-economic group 7)									
Number of examinations	68,980	23,290	12,930	12,880	17,440	2,140	300	-	
Number with active t.b.	139	47	34	30	26	2	-	-	101
Personal service (Socio-economic group 8)									
Number of examinations	132,030	10,460	10,520	20,810	69,030	17,710	3,440	60	
Number with active t.b.	254	23	29	68	115	15	4	-	106

Table 4(b)(i) – *continued*

	All ages	15-	20-	25-	35-	55-	65 and over	Not stated	Ratio
Foremen (Socio-economic group 9)									
Number of examinations	3,840	260	310	640	1,950	430	40	10	
Number with active t.b.	10	-	-	5	6	-	-	-	*143*
Skilled workers (Socio-economic group 10)									
Number of examinations	175,950	49,470	31,630	32,540	52,660	8,200	1,230	20	
Number with active t.b.	351	102	88	82	74	6	-	-	101
Semi-skilled workers (Socio-economic group 11)									
Number of examinations	151,220	41,440	24,100	31,490	48,080	5,440	630	40	
Number with active t.b.	376	102	94	96	76	6	-	-	125
Unskilled workers (Socio-economic group 12)									
Number of examinations	53,830	15,030	7,930	9,290	17,960	3,020	370	10	
Number with active t.b.	134	39	27	31	33	3	1	-	130
Armed Forces (other ranks) (Socio-economic group 13)									
Number of examinations	190	50	110	30	-	-	-	-	
Number with active t.b.	-	-	-	-	-	-	-	-	-
Workers in ceramics, glass, cement, etc. (Occn. codes 080-089)									
Number of examinations	9,460	2,090	1,410	2,200	3,390	350	20	-	
Number with active t.b.	19	4	2	5	8	-	-	-	*100*
Workers in metal manufacture, engineering (Occn. codes 110-279)									
Number of examinations	40,550	7,530	6,660	9,760	14,740	1,500	110	10	
Number with active t.b.	106	23	27	33	23	2	-	-	130
Textile workers (Occn. codes 260-349)									
Number of examinations	47,320	11,240	5,950	8,540	16,060	3,110	410	10	
Number with active t.b.	83	24	24	14	19	2	-	-	92
Leather workers, fur dressers (Occn. codes 350-379)									
Number of examinations	9,460	3,030	1,160	1,660	2,760	600	30	-	
Number with active t.b.	22	7	5	3	7	-	-	-	*122*
Makers of textile goods and articles of dress (Occn. codes 360-419)									
Number of examinations	53,960	19,300	8,560	8,790	14,090	2,570	650	-	
Number with active t.b.	112	44	25	27	12	4	-	-	106
Garment workers (Occn. codes 380-389)									
Number of examinations	43,260	16,600	6,990	6,960	10,400	1,850	460	-	
Number with active t.b.	90	36	16	24	11	4	-	-	107
Makers of foods, drinks and tobacco (Occn. codes 420-469)									
Number of examinations	16,950	4,560	2,740	3,090	5,820	660	60	10	
Number with active t.b.	28	11	4	2	10	1	-	-	*85*
Makers of, workers in, paper; printers (Occn. codes 500-539)									
Number of examinations	14,670	5,600	2,900	2,200	3,420	520	30	-	
Number with active t.b.	29	12	6	6	5	-	-	-	*100*
Persons employed in transport, etc. (Occn. codes 630-709)									
Number of examinations	18,180	5,260	4,020	4,390	3,870	520	90	10	
Number with active t.b.	44	12	13	13	6	1	-	-	*116*
Bus and tram conductors (Occn. code 661)									
Number of examinations	1,930	60	400	790	650	10	-	-	
Number with active t.b.	11	2	3	4	2	-	-	-	*275*
Commercial, finance, etc., (exc. clerical) (Occn. codes 710-759)									
Number of examinations	60,810	24,220	14,190	15,210	23,010	3,580	600	-	
Number with active t.b.	156	50	36	37	32	3	-	-	99

	All ages	15-	20-	25-	35-	55-	65 and over	Not stated	Ratio
Professional and technical (exc. clerical) (Occn. codes 780-819)									
Number of examinations	65,380	15,000	16,000	19,080	26,750	5,120	1,320	110	
Number with active t.b.	98	23	22	19	29	2	3	-	56
Nurses (Occn. codes 770-773)									
Number of examinations	37,540	8,080	8,550	7,990	10,600	1,530	520	70	
Number with active t.b.	36	8	8	9	10	–	1	-	*47*
Teachers (including music) (Occn. codes 760, 765)									
Number of examinations	29,170	1,260	5,270	7,360	11,890	2,770	600	-	
Number with active t.b.	36	5	5	6	17	2	1	-	*61*
Persons engaged in personal service (Occn. codes 861-888)									
Number of examinations	151,540	12,680	12,730	24,580	78,250	19,510	3,730	60	
Number with active t.b.	299	26	35	83	132	17	4	-	110
Laundry workers, dry cleaners (Occn. codes 877, 678)									
Number of examinations	10,970	1,960	1,370	2,200	4,490	800	140	10	
Number with active t.b.	29	5	5	11	7	1	-	-	*136*
Kitchen hands (Occn. code 683)									
Number of examinations	32,610	1,140	1,460	4,880	20,780	4,100	450	20	
Number with active t.b.	54	3	6	12	28	5	-	-	95
Clerks, typists, etc. (Occn. codes 890-895)									
Number of examinations	236,950	87,220	52,180	47,000	45,430	6,290	750	80	
Number with active t.b.	462	127	142	122	60	9	2	-	94
Warehousemen, storekeepers, packers, etc. (Occn. codes 900-909)									
Number of examinations	38,040	9,340	8,060	7,510	13,240	1,720	150	20	
Number with active t.b.	66	24	21	18	20	2	1	-	115
Workers in unskilled occupations (not elsewhere specified) (Occn. codes 930-950)									
Number of examinations	86,020	23,040	14,040	17,210	27,780	3,580	360	10	
Number with active t.b.	237	58	61	63	52	3	-	-	139
Not gainfully occupied or occupation not stated									
Number of examinations	798,470	115,040	47,460	173,540	302,840	95,310	64,000	280	
Number with active t.b.	1,395	111	106	461	534	97	66	-	97

Table 4(b)(ii). Females - Examinations among General Practitioner referrals and cases of active tuberculosis discovered, by age, social class and socio-economic and occupation group. Standardised Abnormality Ratios

England and Wales

Note. For definitions, etc., see the General Notes.

	All ages	15-	20-	25-	35-	55-	65 and over	Not stated	Ratio
All females									
Number of examinations	266,750	32,740	39,970	69,000	89,010	24,070	11,860	100	
Number with active t.b.	2,100	310	446	626	566	97	54	1	100
Females (occupation stated)									
Number of examinations	131,160	26,710	28,000	26,260	38,520	6,110	1.500	60	
Number with active t.b.	1,127	269	322	269	224	31	12	-	102
Professional, etc., occupations (Social Class I)									
Number of examinations	520	20	100	190	100	70	40	-	
Number with active t.b.	5	-	-	1	4	-	-	-	*(125)*
Intermediate occupations (Social Class II)									
Number of examinations	13,900	1,400	2,690	3,770	4,490	970	380	-	
Number with active t.b.	65	6	22	19	13	4	1	-	57
Skilled occupations (Social Class III									
Number of examinations	68,710	16,040	16,780	14,470	16,070	2,930	400	20	
Number with active t.b.	636	183	195	146	96	9	5	-	105
Partly skilled occupations (Social Class IV)									
Number of examinations	32,750	5,440	6,440	7,250	10,910	2,290	410	10	
Number with active t.b.	308	61	87	80	66	9	3	-	114
Unskilled occupations (Social Class V)									
Number of examinations	15,260	1,810	1,790	2,580	6,950	1,850	270	30	
Number with active t.b.	113	19	18	21	43	9	3	-	100
Farmers (Socio-economic group 1)									
Number of examinations	40	-	-	20	10	-	10	-	
Number with active t.b.	-	-	-	-	-	-	-	-	-
Agricultural workers (Socio-economic group 2)									
Number of examinations	180	70	20	70	20	-	-	-	
Number with active t.b.	1	-	1	-	-	-	-	-	*(50)*
Higher administrative, professional and managerial (Socio-economic group 3)									
Number of examinations	520	20	100	190	100	70	40	-	
Number with active t.b.	5	-	-	1	4	-	-	-	*(125)*
Other administrative, professional and managerial (Socio-economic group 4)									
Number of examinations	12,880	1,490	2,830	3,600	3,820	810	330	-	
Number with active t.b.	64	6	23	20	11	3	1	-	59
Shopkeepers (including proprietors and managers of wholesale businesses) (Socio-economic group 5)									
Number of examinations	1,600	40	160	290	850	220	40	-	
Number with active t.b.	3	-	-	-	2	1	-	-	*(27)*
Clerical workers (Socio-economic group 6)									
Number of examinations	31,000	9,050	8,390	7,020	5,310	1,070	150	10	
Number with active t.b.	285	92	97	60	33	3	-	-	101
Shop assistants (Socio-economic group 7)									
Number of examinations	11,990	3,560	2,840	2,470	2,820	440	60	-	
Number with active t.b.	110	32	30	30	17	1	-	-	104
Personal service (Socio-economic group 6)									
Number of examinations	21,730	1,650	1,970	3,780	10,750	2,920	630	30	
Number with active t.b.	175	18	28	42	69	15	5	-	113

Table 4(b)(ii) – *continued*

	All ages	15-	20-	25-	35-	55-	65 and over	Not stated	Ratio
Foremen (Socio-economic group 9)									
Number of examinations	570	40	40	130	310	40	10	-	
Number with active t.b.	1	-	-	1	-	-	-	-	*(35)*
Skilled workers (Socio-economic group 10)									
Number of examinations	19,690	4,450	4,860	3,710	5,570	950	150	-	
Number with active t.b.	189	49	54	42	35	4	5	-	111
Semi-skilled workers (Socio-economic group 11)									
Number of examinations	23,780	4,710	5,380	5,540	6,910	1,190	40	10	
Number with active t.b.	231	53	75	57	41	4	1	-	113
Unskilled workers (Socio-economic group 12)									
Number of examinations	7,120	1,630	1,590	1,420	2,030	400	40	10	
Number with active t.b.	63	19	16	16	12	-	-	-	103
Armed Forces (other ranks) (Socio-economic group 13)									
Number of examinations	60	-	20	20	20	-	-	-	
Number with active t.b.	-	-	-	-	-	-	-	-	*(0)*
Workers in ceramics, glass, cement, etc. (Occn. codes 060-089)									
Number of examinations	1,760	130	280	340	610	200	20	-	
Number with active t.b.	19	4	1	9	4	1	-	-	*146*
Workers in metal manufacture, engineering (Occn. codes 110-279)									
Number of examinations	6,600	980	1,170	1,470	2,600	350	30	-	
Number with active t.b.	75	10	23	21	18	2	1	-	139
Textile workers (Occn. codes 280-349)									
Number of examinations	1,280	340	200	320	360	60	-	-	
Number with active t.b.	18	5	1	3	6	3	-	-	*184*
Leather workers, fur dressers (Occn. codes 350-379)									
Number of examinations	600	130	130	110	180	30	20	-	
Number with active t.b.	5	1	-	1	3	-	-	-	*(100)*
Makers of textile goods and articles of dress (Occn. codes 360-419)									
Number of examinations	6,550	1,420	1,490	1,380	1,820	400	40	-	
Number with active t.b.	68	16	24	15	11	1	1	-	121
Garment workers (Occn. codes 360-389)									
Number of examinations	4,760	1,040	1,090	1,010	1,340	260	20	-	
Number with active t.b.	45	10	16	11	6	-	-	-	*110*
Makers of foods, drinks and tobacco (Occn. codes 420-469)									
Number of examinations	1,760	550	410	190	570	60	-	-	
Number with active t.b.	17	6	4	2	3	-	-	-	*113*
Makers of, workers in, paper; printers (Occn. codes 500-539)									
Number of examinations	2,210	720	730	300	390	50	20	-	
Number with active t.b.	23	7	7	5	2	-	2	-	*115*
Persons employed in transport, etc. (Occn. codes 630-709)									
Number of examinations	4,440	580	1,350	1,220	1,140	150	-	-	
Number with active t.b.	32	9	11	6	4	-	-	-	*82*
Bus and tram conductors (Occn. code 661)									
Number of examinations	1,590	90	480	590	420	10	-	-	
Number with active t.b.	12	-	4	5	3	-	-	-	*86*
Commercial, finance, etc., (exc. clerical) (Occn. codes 710-759)									
Number of examinations	14,260	3,730	2,680	2,940	3,930	680	120	-	
Number with active t.b.	118	32	32	32	20	2	-	-	97

Table 4(b)(ii) - *continued*

	All ages	15-	20-	25-	35-	55-	65 and over	Not stated	Ratio
Professional and technical (exc. clerical) (Occn. codes 760-619)									
Number of examinations	10,220	1,590	2,470	2,760	2,640	460	300	-	
Number with active t.b.	41	3	14	12	10	1	1	-	*47*
Nurses (Occn. codes 770-773)									
Number of examinations	4,570	660	1,110	1,110	1,190	170	110	-	
Number with active t.b.	10	2	4	2	2	-	-	-	*25*
Teachers (including music) (Occn. codes 780, 765)									
Number of examinations	3,110	110	720	1,020	950	160	150	-	
Number with active t.b.	15	-	5	5	3	1	1	-	*58*
Persons engaged in personal service (Occn. codes 661-688)									
Number of examinations	25,290	2,110	2,430	4,650	12,100	3,310	660	30	
Number with active t.b.	204	25	34	49	73	17	6	-	111
Laundry workers, dry cleaners (Occn. codes 677, 676)									
Number of examinations	2,270	440	360	560	660	200	10	-	
Number with active t.b.	24	7	7	7	2	-	1	-	*126*
Kitchen hands (Occn. code 883)									
Number of examinations	3,180	150	160	640	1,790	400	40	-	
Number with active t.b.	14	-	2	2	6	2	-	-	*64*
Clerks, typists, etc. (Occn. codes 890-895)									
Number of examinations	33,790	9,750	9,270	7,650	5,710	1,210	190	10	
Number with active t.b.	310	96	108	66	36	3	1	-	101
Warehousemen, storekeepers, packers, etc. (Occn. codes 900-909)									
Number of examinations	5,350	1,240	1,150	1,170	1,390	360	30	10	
Number with active t.b.	43	9	18	6	8	-	-	-	*93*
Workers in unskilled occupations (not elsewhere specified) (Occn. codes 930-950)									
Number of examinations	13,000	2,690	3,180	2,790	3,530	590	10	10	
Number with active t.b.	127	39	32	33	22	1	-	-	112
Not gainfully occupied or occupation not stated									
Number of examinations	135,590	6,030	11,970	40,740	50,490	15,960	10,360	40	
Number with active t.b.	973	41	124	357	342	66	42	1	96

Table 4(b)(iii). Females - previously examined - Examinations (excluding General Practitioner referrals) and cases of active tuberculosis discovered, by age, social class and socio-economic and occupation group. Standardised Abnormality Ratios

England and Wales

Note. For definitions, etc., see the General Notes.

	All ages	15-	20-	25-	35-	55-	65 and over	Not stated	Ratio
All females									
Number of examinations	2,282,560	436,890	435,590	527,120	705,670	139,540	37,100	650	
Number with active t.b.	2,382	590	661	640	417	49	24	1	100
Females (occupation stated)									
Number of examinations	1,573,640	312,910	358,820	367,100	464,640	74,050	5,800	320	
Number with active t.b.	1,749	485	589	417	236	19	2	1	103
Professional, etc., occupations (Social Class I)									
Number of examinations	6,210	230	1,090	1,960	1,680	250	60	20	
Number with active t.b.	5	1	3	1	-	-	-	-	*(100)*
Intermediate occupations (Social Class II)									
Number of examinations	207,850	20,990	49,710	53,380	71,650	11,130	930	60	
Number with active t.b.	170	27	80	31	30	1	1	-	79
Skilled occupations (Social Class III)									
Number of examinations	962,640	220,060	241,830	228,280	239,320	33,010	1,970	180	
Number with active t.b.	1,101	332	384	261	115	8	1	-	101
Partly skilled occupations (Social Class IV)									
Number of examinations	280,600	56,950	52,070	56,770	96,510	16,690	1,650	60	
Number with active t.b.	358	101	115	71	83	7	-	1	124
Unskilled occupations (Social Class V)									
Number of examinations	117,340	14,690	14,120	18,690	65,680	13,070	1,190	-	
Number with active t.b.	115	24	37	23	28	3	-	-	113
Farmers (Socio-economic group 1)									
Number of examinations	150	-	20	10	90	30	-	-	
Number with active t.b.	-	-	-	-	-	-	-	-	-
Agricultural workers (Socio-economic group 2)									
Number of examinations	2,060	390	330	540	700	90	-	-	
Number with active t.b.	2	-	2	-	-	-	-	-	*(100)*
Higher administrative, professional and managerial (Socio-economic group 3)									
Number of examinations	6,210	230	1,090	1,960	1,660	250	60	20	
Number with active t.b.	6	1	3	1	-	-	-	-	*(100)*
Other administrative, professional and managerial (Socio-economic group 4)									
Number of examinations	205,810	21,660	50,170	62,710	69,420	10,900	890	60	
Number with active t.b.	189	27	52	81	27	1	1	-	79
Shopkeepers (including proprietors and managers of wholesale businesses) (Socio-economic group 5)									
Number of examinations	6,460	290	760	1,500	3,420	460	60	-	
Number with active t.b.	6	1	1	2	4	-	-	-	*(133)*
Clerical workers (Socio-economic group 6)									
Number of examinations	538,660	121,860	150,440	138,770	112,980	13,610	870	130	
Number with active t.b.	811	168	218	146	68	2	-	-	97
Shop assistants (Socio-economic group 7)									
Number of examinations	86,830	26,640	19,150	18,130	19,460	2,090	150	10	
Number with active t.b.	130	48	46	27	9	-	-	-	130
Personal service (Socio-economic group 8)									
Number of examinations	138,210	9,940	10,790	19,760	76,790	19,560	2,360	20	
Number with active t.b.	123	16	24	30	49	4	-	-	115

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Table 4(b)(iii) - *continued*

	All ages	15-	20-	25-	35-	55-	65 and over	Not stated	Ratio
Foremen (Socio-economic group 9)									
Number of examinations	12,660	440	1,430	2,980	6,650	1,090	60	-	
Number with active t.b.	7	-	1	3	2	1	-	-	*(64)*
Skilled workers (Socio-economic group 10)									
Number of examinations	293,520	65,820	66,090	60,760	86,470	13,490	840	30	
Number with active t.b.	320	89	112	78	36	4	1	-	100
Semi-skilled workers (Socio-economic group 11)									
Number of examinations	220,760	51,690	46,030	47,560	66,580	6,300	650	50	
Number with active t.b.	297	93	97	59	41	6	-	1	123
Unskilled workers (Socio-economic group 12)									
Number of examinations	63,920	13,590	12,380	12,310	21,490	3,960	170	-	
Number with active t.b.	77	22	33	11	10	1	-	-	117
Armed Forces (other ranks) (Socio-economic group 13)									
Number of examinations	350	140	140	60	10	-	-	-	
Number with active t.b.	-	-	-	-	-	-	-	-	-
Workers in ceramics, glass, cement etc. (Occn. codes 060-069)									
Number of examinations	14,110	1,920	2,120	3,190	5,650	940	90	-	
Number with active t.b.	22	4	6	6	6	1	-	-	*157*
Workers in metal manufacture, engineering (Occn. codes 110-279)									
Number of examinations	67,660	9,450	11,940	17,790	25,680	2,750	50	20	
Number with active t.b.	62	14	26	26	16	-	-	-	119
Textile workers (Occn. codes 280-349)									
Number of examinations	65,610	12,640	11,270	11,890	24,990	4,650	360	20	
Number with active t.b.	70	23	18	17	10	2	-	-	108
Leather workers, fur dressers (Occn. codes 350-379)									
Number of examinations	23,270	4,840	3,940	4,920	8,010	1,430	130	-	
Number with active t.b.	31	9	9	9	3	-	1	-	*129*
Makers of textile goods and articles of dress (Occn. codes 360-419)									
Number of examinations	86,820	27,160	20,490	15,710	18,990	3,140	320	10	
Number with active t.b.	104	42	42	13	4	3	-	-	105
Garment workers (Occn. codes 380-389)									
Number of examinations	69,450	23,700	17,300	12,660	13,410	2,140	210	10	
Number with active t.b.	83	32	35	10	4	2	-	-	101
Makers of foods, drinks and tobacco (Occn. codes 420-469)									
Number of examinations	25,380	5,930	4,760	4,930	6,470	1,280	10	-	
Number with active t.b.	36	11	15	7	2	1	-	-	*133*
Makers of, workers in, paper; printers (Occn, codes 500-539)									
Number of examinations	25,970	7,790	6,690	4,580	6,610	840	60	-	
Number with active t.b.	27	10	9	5	3	-	-	-	*90*
Persons employed in transport, etc. (Occn. codes 630-709)									
Number of examinations	40,320	7,040	10,610	12,160	9,440	1,030	40	-	
Number with active t.b.	44	10	19	10	4	1	-	-	*96*
Bus and tram conductors (Occn. code 661)									
Number of examinations	1,610	120	490	660	540	-	-	-	
Number with active t.b.	2	-	-	1	1	-	-	-	*(100)*
Commercial, finance, etc., (exc. clerical) (Occn, codes 710-759)									
Number of examinations	97,860	28,160	21,220	20,670	24,830	2,790	200	10	
Number with active t.b.	146	61	60	30	15	-	-	-	132

Table 4(b)(iii) - *continued*

	All ages	15-	20-	25-	35-	55-	65 and over	Not stated	Ratio
Professional and technical (exc. clerical) (Occn. codes 760-619)									
Number of examinations	180,070	24,900	47,760	43,340	54,650	8,510	840	70	
Number with active t.b.	126	19	39	51	16	1	-	-	65
Nurses (Occn. codes 770-773)									
Number of examinations	69,320	13,660	15,690	12,920	22,620	3,710	260	40	
Number with active t.b.	43	6	10	17	10	-	-	-	*59*
Teachers (including music) (Occn. codes 780, 785)									
Number of examinations	67,020	2,070	16,430	19,590	22,850	3,630	440	10	
Number with active t.b.	43	1	15	24	2	1	-	-	*61*
Persons engaged in personal service (Occn. codes 861-866)									
Number of examinations	163,180	12,210	13,640	24,560	87,950	22,240	2,540	40	
Number with active t.b.	142	20	26	37	54	5	-	-	111
Laundry workers, dry cleaners (Occn. codes 877, 878)									
Number of examinations	12,620	1,680	1,540	2,490	5,470	1,100	120	20	
Number with active t.b.	13	3	2	5	2	1	-	-	*108*
Kitchen hands (Occn. code 883)									
Number of examinations	32,250	1,020	1,360	4,450	20,190	4,690	520	-	
Number with active t.b.	23	1	4	5	12	1	-	-	*100*
Clerks, typists, etc. (Occn. codes 890-895)									
Number of examinations	565,460	132,610	165,200	150,230	121,600	14,760	740	120	
Number with active t.b.	663	200	240	157	63	2	1	-	96
Warehousemen, storekeepers, packers, etc. (Occn. codes 900-909)									
Number of examinations	50,530	10,370	9,810	10,730	17,170	2,350	90	10	
Number with active t.b.	56	11	19	13	11	1	-	1	104
Workers in unskilled occupations (not elsewhere specified) (Occn. codes 930-950)									
Number of examinations	112,140	23,040	23,770	24,070	35,950	5,080	230	-	
Number with active t.b.	176	56	59	32	27	2	-	-	147
Not gainfully occupied or occupation not stated									
Number of examinations	708,920	123,960	76,770	170,020	241,030	65,490	31,600	330	
Number with active t.b.	633	105	72	223	181	30	22	-	94

Table 4(c). Males - Cases of cancer of the lung, by age, social class and socio-economic and occupation group, distinguishing those referred by general practitioners. Standardised Abnormality Ratios } England and Wales

Note. For definitions, etc., see the General Notes.

	All ages	15-	20-	25-	35-	55-	65 and over	Not stated	Ratio
All males									
General Practitioner referrals	2,339	-	1	23	751	970	594	-	100
Other examinee groups	2,100	2	1	24	647	927	508	-	100
Males (occupation stated)									
General Practitioner referrals	2,243	-	1	23	743	962	514	-	100
Other examinee groups	1,993	1	1	23	636	900	432	-	101
Professional, etc., occupations (Social Class I)									
General Practitioner referrals	37	-	-	-	8	17	12	-	*95*
Other examinee groups	53	-	-	1	20	17	15	-	95
Intermediate occupations (Social Class II)									
General Practitioner referrals	209	-	-	1	75	79	54	-	94
Other examinee groups	161	-	-	3	60	75	43	-	78
Skilled occupations (Social Class III)									
General Practitioner referrals	1,221	-	1	12	411	512	285	-	101
Other examinee groups	1,108	-	-	17	372	466	233	-	99
Partly skilled occupations (Social Class IV)									
General Practitioner referrals	307	-	-	3	102	140	62	-	96
Other examinee groups	286	1	1	-	94	140	52	-	101
Unskilled occupations (Social Class V)									
General Practitioner referrals	469	-	-	7	147	214	101	-	101
Other examinee groups	383	-	-	2	90	182	89	-	124
Farmers (Socio-economic group 1)									
General Practitioner referrals	7	-	-	-	2	5	-	-	*(78)*
Other examinee groups	10	-	-	-	1	5	4	-	*83*
Agricultural workers (Socio-economic group 2)									
General Practitioner referrals	23	-	-	-	8	10	7	-	*96*
Other examinee groups	30	1	-	-	5	17	7	-	*111*
Higher administrative, professional and managerial (Socio-economic group 3)									
General Practitioner referrals	37	-	-	-	8	17	12	-	*95*
Other examinee groups	53	-	-	1	20	17	15	-	95
Other administrative, professional and managerial (Socio-economic group 4)									
General Practitioner referrals	123	-	-	2	40	43	38	-	84
Other examinee groups	118	-	-	2	42	54	20	-	64
Shopkeepers (including proprietors and managers of wholesale businesses) (Socio-economic group 5)									
General Practitioner referrals	87	-	-	-	38	34	17	-	112
Other examinee groups	59	-	-	1	20	18	20	-	134
Clerical workers (Socio-economic group 6)									
General Practitioner referrals	134	-	1	-	22	69	42	-	85
Other examinee groups	169	-	-	1	46	82	40	-	79
Shop assistants (Socio-economic group 7)									
General Practitioner referrals	62	-	-	1	21	27	13	-	109
Other examinee groups	31	-	-	1	9	16	5	-	*103*
Personal service (Socio-economic group 6)									
General Practitioner referrals	61	-	-	1	12	30	18	-	95
Other examinee groups	63	-	-	-	18	29	18	-	143

Table 4(c) - *continued*

	All ages	15-	20-	25-	35-	55-	65 and over	Not stated	Ratio
Foremen (Socio-economic group 9)									
General Practitioner referrals	76	-	-	1	26	33	14	-	84
Other examinee groups	69	-	-	-	25	35	9	-	78
Skilled workers (Socio-economic group 10)									
General Practitioner referrals	912	-	-	9	329	367	207	-	105
Other examinee groups	808	-	-	16	285	340	168	-	107
Semi-skilled workers (Socio-economic group 11)									
General Practitioner referrals	257	-	-	2	93	115	47	-	99
Other examinee groups	227	-	1	-	77	111	38	-	98
Unskilled workers (Socio-economic group 12)									
General Practitioner referrals	463	-	-	7	146	211	99	-	102
Other examinee groups	354	-	-	2	90	176	86	-	124
Armed Forces (other ranks) (Socio-economic group 13)									
General Practitioner referrals	1	-	-	-	-	1	-	-	*(33)*
Other examinee groups	2	-	-	-	-	-	2	-	*(67)*
Fishermen (Occn. code 000)									
General Practitioner referrals	3	-	-	-	-	2	1	-	(∞)
Other examinee groups	-	-	-	-	-	-	-	-	-
Agricultural, etc. occupations (Occn. codes 010-030)									
General Practitioner referrals	30	-	-	-	6	16	7	-	91
Other examinee groups	40	1	-	-	6	22	11	-	*100*
Mining and quarrying occupations (Occn. codes 040-059)									
General Practitioner referrals	47	-	-	1	15	16	16	-	*48*
Other examinee groups	83	-	-	1	21	32	29	-	73
Workers in ceramics, glass, cement, etc. (Occn. codes 080-089)									
General Practitioner referrals	9	-	-	-	3	4	2	-	*(60)*
Other examinee groups	13	-	-	-	5	6	2	-	*118*
Coal gas, etc. makers, workers in chemicals (Occn. codes 090-109)									
General Practitioner referrals	10	-	-	-	4	4	2	-	*67*
Other examinee groups	19	-	-	-	9	8	2	-	*86*
Workers in metal manufacture, engineering (Occn. codes 110-279)									
General Practitioner referrals	464	-	-	6	165	195	98	-	113
Other examinee groups	384	-	-	6	133	172	73	-	*97*
Workers in "hot" metal (Occn. codes 121-151)									
General Practitioner referrals	70	-	-	1	18	29	22	-	127
Other examinee groups	47	-	-	2	16	15	14	-	*118*
Platers, riveters, shipwrights (Occn. codes 160-164)									
General Practitioner referrals	28	-	-	-	7	14	6	-	*124*
Other examinee groups	14	-	-	-	-	9	5	-	*100*
Textile workers (Occn. codes 280-349)									
General Practitioner referrals	7	-	-	-	2	1	4	-	*(117)*
Other examinee groups	23	-	-	-	8	10	5	-	*72*
Leather workers, fur dressers (Occn. codes 350-379)									
General Practitioner referrals	8	-	-	-	3	3	2	-	*(62)*
Other examinee groups	21	-	-	-	8	13	3	-	*95*
Makers of textile goods and articles of dress (Occn. codes 360-419)									
General Practitioner referrals	9	-	-	-	1	4	4	-	*(50)*
Other examinee groups	13	-	-	1	2	7	3	-	*100*

Table 4(c) - *continued*

	All ages	15-	20-	25-	35-	55-	65 and over	Not stated	Ratio
Makers of foods, drinks and tobacco (Occn. codes 420-469)									
General Practitioner referrals	23	-	-	1	10	7	5	-	*86*
Other examinee groups	18	-	-	-	7	6	3	-	*95*
Workers in wood, cane and cork (Occn. codes 470-469)									
General Practitioner referrals	61	-	-	-	19	27	15	-	100
Other examinee groups	53	-	-	1	19	20	13	-	100
Makers of, workers in, paper; printers (Occn. codes 500-539)									
General Practitioner referrals	25	-	-	-	5	9	11	-	*125*
Other examinee groups	17	-	-	1	6	8	2	-	*63*
Makers of products (not elsewhere specified) (Occn. codes 540-579)									
General Practitioner referrals	17	-	-	1	6	5	5	-	*113*
Other examinee groups	11	-	-	-	5	3	3	-	*100*
Workers in building and contracting (Occn. codes 580-599)									
General Practitioner referrals	110	-	-	2	44	45	19	-	109
Other examinee groups	82	-	-	-	33	29	20	-	137
Painters and decorators (Occn. codes 600-609)									
General Practitioner referrals	65	-	-	-	32	20	13	-	114
Other examinee groups	50	-	-	-	16	27	7	-	152
Administrators, directors, managers (not elsewhere specified) (Occn. codes 610-629)									
General Practitioner referrals	32	-	-	-	15	9	8	-	*86*
Other examinee groups	31	-	-	1	6	18	4	-	*53*
Persons employed in transport, etc. (Occn. codes 630-709)									
General Practitioner referrals	302	-	-	-	109	137	56	-	108
Other examinee groups	172	-	-	3	65	76	26	-	119
Commercial, finance, etc. (exc. clerical) (Occn. codes 710-759)									
General Practitioner referrals	199	-	-	2	72	78	47	-	114
Other examinee groups	123	-	-	3	35	50	35	-	113
Professional and technical (exc. clerical) (Occn. codes 760-819)									
General Practitioner referrals	40	-	-	1	14	14	11	-	*68*
Other examinee groups	63	-	-	-	28	18	17	-	62
Teachers (including music) (Occn. codes 780, 785)									
General Practitioner referrals	6	-	-	-	3	1	2	-	*(46)*
Other examinee groups	10	-	-	-	2	3	5	-	*38*
Persons employed in defence services (Occn. codes 820-839)									
General Practitioner referrals	41	-	-	-	9	20	12	-	*95*
Other examinee groups	56	-	-	-	12	23	21	-	175
Persons engaged in entertainments and sport (Occn. codes 840-855)									
General Practitioner referrals	7	-	-	-	1	4	2	-	*(78)*
Other examinee groups	9	-	-	1	-	5	3	-	*(129)*
Persons engaged in personal service (Occn. codes 661-666)									
General Practitioner referrals	83	-	-	1	24	38	20	-	95
Other examinee groups	88	-	-	1	26	37	24	-	157
Publicans, innkeepers, barmen, etc. (Occn. codes 865, 866)									
General Practitioner referrals	6	-	-	-	3	5	-	-	*(67)*
Other examinee groups	10	-	-	-	2	8	2	-	*333*
Kitchen hands (Occn. code 883)									
General Practitioner referrals	3	-	-	-	-	1	2	-	*(60)*
Other examinee groups	6	-	-	-	-	3	3	-	*(200)*

Table 4(c) - *continued*

	All ages	15-	20-	25-	35-	55-	65 and over	Not stated	Ratio
Clerks, typists, etc. (Occn. codes 890-895)									
General Practitioner referrals	146	-	1	-	22	76	47	-	87
Other examinee groups	183	-	-	1	54	91	37	-	76
Warehousemen, storekeepers, packers, etc. (Occn. codes 900-909)									
General Practitioner referrals	84	-	-	1	26	40	17	-	91
Other examinee groups	79	-	-	-	28	35	16	-	93
Stationary engine drivers, stokers, etc. (Occn. codes 910-921)									
General Practitioner referrals	68	-	-	-	22	34	12	-	119
Other examinee groups	60	-	-	1	21	32	6	-	120
Workers in unskilled occupations (not elsewhere specified) (Occn. codes 930-950)									
General Practitioner referrals	326	-	-	7	101	144	74	-	98
Other examinee groups	281	-	1	2	74	141	63	-	122
Other and undefined workers (Occn. codes 961-979)									
General Practitioner referrale	27	-	-	-	11	11	5	-	*100*
Other examinee groups	21	-	-	-	10	9	2	-	*111*
Not gainfully occupied or occupation not stated									
General Practitioner referrals	96	-	-	-	8	6	80	-	110
Other examinee groups	116	1	-	1	11	27	76	-	90

Table 5(a). Examinations, by interval (in years) since previous sex and age, distinguishing those referred by

Note. For definitions, etc., see the General Notes.

Age-groups	Males						
		Interval in years					
	Total	0	1	2	3	4/5	6 and over
				All examinee groups			
Under 15	34,500	5,400	17,650	6,900	2,640	1,300	410
15-19	174,420	16,570	65,970	49,890	25,920	14,310	1,760
20-24	145,310	10,750	51,680	39,920	19,450	16,640	6,870
25-34	367,060	6,820	102,390	136,240	62,060	39,260	16,270
35-54	626,420	12,610	148,350	244,260	112,920	75,990	32,270
55-64	152,930	3,360	33,160	58,310	26,310	20,230	9,560
65 and over	31,190	760	6,790	11,150	5,670	4,340	2,480
Not stated	370	40	70	110	20	100	30
All ages	1,532,200	58,310	426,260	548,800	256,990	172,190	69,650
				General Practitioner referrals			
Under 15	1,620	340	610	390	160	80	40
15-19	5,440	680	2,000	1,400	700	580	80
20-24	6,890	1,090	1,370	1,900	1,080	1,090	360
25-34	11,220	1,450	3,570	2,430	1,400	1,380	990
35-54	18,950	2,550	5,250	4,920	2,370	2,060	1,800
55-64	6,960	940	2,030	1,820	870	760	560
65 and over	2,130	230	560	580	260	220	280
Not stated	10	10	-	-	-	-	-
All ages	53,240	7,290	15,390	13,440	6,840	6,170	4,110
				All other examinee groups			
Under 15	32,860	5,060	17,240	6,510	2,480	1,220	370
15-19	168,980	15,890	63,970	46,490	25,220	13,730	1,680
20-24	138,420	9,660	50,310	38,020	18,370	15,550	6,510
25-34	355,840	7,370	98,820	135,810	60,660	37,900	15,280
35-54	607,470	10,060	143,100	239,360	110,550	73,930	30,470
55-64	145,950	2,420	31,130	56,490	27,440	19,470	9,000
65 and over	29,060	530	6,230	10,570	5,410	4,120	2,200
Not stated	360	30	70	110	20	100	30
All ages	1,478,960	51,020	410,870	535,360	250,150	166,020	65,540

Females							Age-groups
	Interval in years						
Total	0	1	2	3	4/5	6 and over	
All examinee groups							
36,490	5,660	18,000	8,010	2,970	1,570	280	Under 15
215,300	13,030	88,400	71,600	26,220	14,560	1,490	15-19
208,990	9,920	73,200	68,920	27,500	20,620	8,830	20-24
247,470	8,720	72,350	82,780	38,680	28,970	15,970	25-34
329,460	10,560	89,590	114,320	54,410	42,320	18,260	35-54
64,370	1,940	16,710	22,070	10,710	9,270	3,670	55-64
15,710	420	3,810	5,940	2,720	1,970	850	85 and over
260	40	80	70	50	10	10	Not stated
1,113,050	50,290	362,140	373,710	163,260	119,290	49,360	All ages
General Practitioner referrals							
1,570	450	460	280	180	110	90	Under 15
8,230	1,220	2,640	2,240	1,160	830	140	15-19
9,470	1,070	3,000	2,510	1,060	1,180	850	20-24
13,820	1,340	3,890	3,420	1,920	1,770	1,480	25-34
14,020	1,400	3,860	3,640	1,770	1,890	1,480	35-54
2,760	160	780	760	390	470	200	55-64
780	80	180	280	100	40	100	65 and over
-	-	-	-	-	-	-	Not stated
50,650	5,720	14,810	13,130	6,580	6,290	4,120	All ages
All other examinee groups							
34,920	5,210	17,540	7,730	2,790	1,460	190	Under 15
207,070	11,810	85,760	69,360	25,060	13,730	1,350	15-19
199,520	8,850	70,200	66,410	26,440	19,440	8,180	20-24
233,650	7,380	68,460	79,360	36,760	27,200	14,490	25-34
315,440	9,160	85,730	110,680	52,640	40,430	16,800	35-54
61,610	1,780	15,930	21,310	10,320	8,800	3,470	55-64
14,930	340	3,630	5,660	2,620	1,930	750	65 and over
260	40	80	70	50	10	10	Not stated
1,067,400	44,570	347,330	360,580	156,680	113,000	45,240	All ages

England and Wales

Table 5(b). Cases of active tuberculosis, by interval (in years) since previous examination (result normal), sex and age, distinguishing those referred by general practitioners. Rates per 1,000 examinations

Note. (1) For definitions, etc., see the General Notes.
(2) The rates are based upon the examinations in Table 5(a).

Age-groups		Males							Females						
		Total	Interval in years						Total	Interval in years					
			0	1	2	3	4/5	6 and over		0	1	2	3	4/5	6 and over
		All examinee groups													
Under 15	Number of cases	20	4	10	2	4	-	-	42	13	14	10	1	3	1
	Rate per 1,000 examinations	0.6	0.7	0.6	0.3	1.5	0.0	0.0	1.2	2.3	0.8	1.2	0.3	1.9	3.6
15-19	Number of cases	258	21	77	76	49	32	3	408	26	123	123	71	80	5
	Rate per 1,000 examinations	1.5	1.3	1.2	1.5	1.9	2.2	1.7	1.9	2.0	1.4	1.7	2.7	4.1	3.4
20-24	Number of cases	244	15	65	59	37	46	22	443	23	118	131	69	61	41
	Rate per 1,000 examinations	1.7	1.4	1.3	1.5	1.9	2.8	3.2	2.1	2.3	1.6	1.9	2.5	3.0	4.6
25-34	Number of cases	480	23	98	134	84	85	56	412	9	99	116	72	73	43
	Rate per 1,000 examinations	1.3	2.6	1.0	1.0	1.4	2.2	3.4	1.7	1.0	1.4	1.4	1.9	2.5	2.7
35-54	Number of cases	817	28	138	215	170	153	113	288	15	66	58	50	39	40
	Rate per 1,000 examinations	1.3	2.2	0.9	0.9	1.5	2.0	3.5	0.8	1.4	0.7	0.5	0.9	0.9	2.2
55-64	Number of cases	304	13	84	78	58	60	31	36	-	7	13	4	8	4
	Rate per 1,000 examinations	2.0	3.9	1.9	1.3	2.0	3.0	3.2	0.6	0.0	0.4	0.6	0.4	0.9	1.1
65 and over	Number of cases	62	4	11	17	8	13	9	13	-	3	4	2	1	3
	Rate per 1,000 examinations	2.0	5.3	1.6	1.5	1.4	3.0	3.8	0.8	0.0	0.8	0.7	0.7	0.5	3.5
Not stated	Number of cases	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Rate per 1,000 examinations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
All ages	Number of cases	2,135	108	463	581	410	389	234	1,622	86	430	455	269	245	137
	Rate per 1,000 examinations	1.4	1.9	1.1	1.1	1.6	2.3	3.4	1.5	1.7	1.2	1.2	1.6	2.1	2.8

General Practitioner referrals

Under 15	Number of cases	6	-	5	1	-	-	-	5	1	2	-	1	-	1
	Rate per 1,000 examinations	3.7	0.0	8.2	2.6	0.0	0.0	0.0	3.2	2.2	4.3	0.0	5.8	0.0	1.1
15-19	Number of cases	54	6	12	17	12	6	1	103	13	32	23	18	14	3
	Rate per 1,000 examinations	9.9	8.8	6.0	12.1	17.1	10.3	12.5	12.5	10.7	12.1	10.3	15.5	16.9	21.4
20-24	Number of cases	47	7	10	8	11	9	2	107	10	33	23	13	15	13
	Rate per 1,000 examinations	8.8	6.4	7.3	4.2	10.2	8.3	5.6	11.3	9.3	11.0	9.2	12.3	12.7	20.0
25-34	Number of cases	77	13	24	12	7	13	8	98	4	29	20	13	18	14
	Rate per 1,000 examinations	6.9	9.0	6.7	4.9	5.0	9.4	8.1	7.1	3.0	7.5	5.8	8.8	10.2	9.5
35-54	Number of cases	146	16	35	42	18	15	20	66	8	13	11	9	10	15
	Rate per 1,000 examinations	7.7	6.3	8.7	8.5	7.6	7.3	11.1	4.7	5.7	3.4	3.0	5.1	5.3	10.3
55-64	Number of cases	68	6	18	18	13	7	6	10	-	3	3	1	1	2
	Rate per 1,000 examinations	9.7	6.4	8.9	9.9	14.9	9.2	10.7	3.8	0.0	3.8	3.9	2.8	2.1	10.0
65 and over	Number of cases	23	3	1	7	4	5	3	2	-	-	-	1	-	1
	Rate per 1,000 examinations	10.8	13.0	1.8	12.1	15.4	22.7	10.7	2.6	0.0	0.0	0.0	10.0	0.0	10.0
Not stated	Number of cases	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Rate per 1,000 examinations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
All ages	**Number of cases**	**421**	**51**	**105**	**105**	**65**	**55**	**40**	**391**	**36**	**112**	**80**	**56**	**58**	**49**
	Rate per 1,000 examinations	**7.9**	**7.0**	**6.8**	**7.8**	**9.5**	**8.9**	**9.7**	**7.7**	**6.3**	**7.6**	**6.1**	**8.5**	**9.2**	**11.9**

All other examinee groups

Under 15	Number of cases	14	4	5	1	4	-	-	37	12	12	10	-	3	-
	Rate per 1,000 examinations	0.4	0.8	0.3	0.2	1.6	0.0	0.0	1.1	2.3	0.7	1.3	0.0	2.1	0.0
15-19	Number of cases	204	15	65	59	37	26	2	305	13	91	100	53	46	2
	Rate per 1,000 examinations	1.2	0.9	1.0	1.2	1.5	1.9	1.2	1.5	1.1	1.1	1.4	2.1	3.4	1.5
20-24	Number of cases	197	8	55	51	26	37	20	336	13	85	108	56	46	28
	Rate per 1,000 examinations	1.4	0.8	1.1	1.3	1.4	2.4	3.1	1.7	1.5	1.2	1.6	2.1	2.4	3.4
25-34	Number of cases	403	10	74	122	77	72	46	314	5	70	98	59	55	29
	Rate per 1,000 examinations	1.1	1.4	0.7	0.9	1.3	1.9	3.1	1.3	0.7	1.0	1.2	1.6	2.0	2.0
35-54	Number of cases	871	12	103	173	152	138	93	202	7	53	47	41	29	25
	Rate per 1,000 examinations	1.1	1.2	0.7	0.7	1.4	1.9	3.1	0.8	0.8	0.6	0.4	0.8	0.7	1.5
55-64	Number of cases	236	7	46	60	45	53	25	28	-	4	10	3	7	2
	Rate per 1,000 examinations	1.6	2.9	1.5	1.1	1.6	2.7	2.8	0.4	0.0	0.3	0.5	0.3	0.8	0.6
65 and over	Number of cases	39	1	10	10	4	8	6	11	-	3	4	1	1	2
	Rate per 1,000 examinations	1.3	1.9	1.6	1.0	0.7	1.9	2.7	0.7	0.0	0.8	0.7	0.4	0.5	2.7
Not stated	Number of cases	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Rate per 1,000 examinations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
All ages	**Number of cases**	**1,764**	**57**	**358**	**476**	**345**	**334**	**134**	**1,231**	**50**	**318**	**375**	**213**	**187**	**88**
	Rate per 1,000 examinations	**1.2**	**1.1**	**0.9**	**0.9**	**1.4**	**2.0**	**3.0**	**1.2**	**1.1**	**0.9**	**1.0**	**1.4**	**1.7**	**1.9**

Table 5(c). Examinations and cases of active tuberculosis discovered within social classes, by interval (in years) since previous examination (result normal), sex and age. Rates per 1,000 examinations

England and Wales

Note. For definitions, etc., see the General Notes.

Social Classes	Males							Females						
	Total	Interval in years						Total	Interval in years					
		0	1	2	3	4/5	6 and over		0	1	2	3	4/5	6 and over
Ages under 35 years														
I Professional, etc. occupations														
Number of examinations	18,750	500	5,340	7,060	3,480	2,240	1,130	1,250	80	340	580	130	70	50
Number with active tuberculosis	14	-	4	5	2	2	1	1	-	-	-	1	-	-
Rate per 1,000 examinations	0.7	0.0	0.7	0.7	0.6	0.9	0.9	0.8	0.0	0.0	0.0	7.7	0.0	0.0
II Intermediate occupations														
Number of examinations	71,080	3,160	20,600	25,480	11,050	7,790	3,020	53,600	3,630	19,450	17,400	6,710	4,510	1,900
Number with active tuberculosis	90	8	23	22	13	12	12	82	4	23	22	19	11	3
Rate per 1,000 examinations	1.3	2.5	1.1	0.8	1.2	1.5	4.0	1.5	1.1	1.2	1.3	2.8	2.4	1.8
III Skilled occupations														
Number of examinations	392,260	19,780	108,320	138,110	66,190	43,610	18,250	336,040	14,460	109,590	119,730	49,020	32,440	10,800
Number with active tuberculosis	610	34	132	168	114	110	52	666	29	166	206	120	104	41
Rate per 1,000 examinations	1.6	1.7	1.2	1.2	1.7	2.5	3.2	2.0	2.0	1.5	1.7	2.4	3.2	3.8
IV Partly skilled occupations														
Number of examinations	86,070	3,600	18,180	22,890	11,760	7,520	2,140	86,660	3,090	32,670	28,620	10,850	8,580	2,850
Number with active tuberculosis	114	7	22	28	24	23	10	187	9	53	54	28	27	16
Rate per 1,000 examinations	1.7	1.9	1.2	1.2	2.0	3.1	4.7	2.2	2.9	1.6	1.9	2.6	3.1	5.6
V Unskilled occupations														
Number of examinations	45,530	3,070	13,000	14,760	7,460	5,580	1,660	24,250	1,270	7,600	8,190	3,780	2,350	1,060
Number with active tuberculosis	81	8	20	28	8	13	5	67	3	18	19	6	9	1
Rate per 1,000 examinations	1.8	2.0	1.5	1.9	1.2	2.3	3.0	2.4	2.4	2.5	2.3	1.6	3.8	0.9
Not stated														
Number of examinations	92,100	8,030	54,620	19,770	7,490	3,480	700	168,760	9,140	64,100	48,780	21,910	18,200	9,630
Number with active tuberculosis	73	4	39	18	6	3	1	270	13	79	88	38	43	28
Rate per 1,000 examinations	0.8	0.7	0.7	0.9	1.1	0.9	1.4	1.8	1.4	1.2	1.4	1.7	2.7	2.9
All social classes														
Number of examinations	636,790	36,140	220,040	228,050	107,430	70,230	24,900	671,760	31,670	233,950	223,300	92,400	64,150	26,290
Number with active tuberculosis	962	59	240	269	170	163	81	1,263	58	340	370	212	194	89
Rate per 1,000 examinations	1.4	1.6	1.1	1.2	1.6	2.3	3.3	1.9	1.8	1.5	1.7	2.3	3.0	3.4

Table 5(c) - *continued*

Social Classes	Males							Females						
		Interval in years							Interval in years					
	Total	0	1	2	3	4/5	6 and over	Total	0	1	2	3	4/6	6 and over
							Ages 35 years and over							
I Professional, etc, occupations														
Number of examinations	25,030	240	5,730	10,900	3,800	3,200	1,180	690	20	200	250	100	80	40
Number with active tuberculosis	20	-	6	5	5	3	1	-	-	-	-	-	-	-
Rate per 1,000 examinations	0.8	0.0	1.0	0.5	1.3	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
II Intermediate occupations														
Number of examinations	99,900	1,980	24,490	40,520	16,270	11,890	4,750	40,560	1,900	13,600	13,340	5,110	4,720	1,890
Number with active tuberculosis	103	2	18	30	17	19	19	22	1	6	8	1	5	3
Rate per 1,000 examinations	1.0	1.0	0.7	0.7	1.0	1.6	4.0	0.5	0.5	0.4	0.4	0.2	1.1	1.6
III Skilled occupations														
Number of examinations	470,660	8,340	107,890	180,970	87,600	59,300	26,560	126,010	2,670	33,220	43,940	23,200	16,130	8,850
Number with active tuberculosis	667	24	109	170	141	137	86	85	1	19	19	21	14	11
Rate per 1,000 examinations	1.4	2.9	1.0	0.9	1.6	2.3	3.2	0.7	0.4	0.6	0.4	0.9	0.9	1.6
IV Partly skilled occupations														
Number of examinations	111,220	2,480	23,870	43,330	22,210	13,850	5,480	54,890	2,160	17,880	17,770	7,900	8,450	2,730
Number with active tuberculosis	175	11	33	49	31	32	19	42	1	13	9	7	5	7
Rate per 1,000 examinations	1.6	4.4	1.4	1.1	1.4	2.3	3.5	0.8	0.5	0.7	0.5	0.9	0.8	2.8
V Unskilled occupations														
Number of examinations	86,130	2,120	19,740	31,780	15,590	11,160	5,740	35,890	1,830	10,770	11,650	5,270	4,200	1,970
Number with active tuberculosis	181	7	35	42	36	33	28	24	1	6	3	4	5	5
Rate per 1,000 examinations	2.1	3.3	1.8	1.3	2.3	3.0	4.9	0.7	0.5	0.6	0.3	0.8	1.2	2.5
Not stated														
Number of examinations	17,600	1,570	6,580	6,240	1,430	1,160	620	151,700	4,340	34,440	65,380	26,260	21,980	9,300
Number with active tuberculosis	37	1	14	14	8	2	-	144	11	32	38	23	19	21
Rate per 1,000 examinations	2.1	0.6	2.1	2.2	4.2	1.7	0.0	0.9	2.5	0.9	0.7	0.9	0.9	2.3
All social classes														
Number of examinations	810,540	16,730	188,300	313,740	146,900	100,560	44,310	409,540	12,920	110,110	142,330	67,840	53,560	22,780
Number with active tuberculosis	1,183	45	213	310	236	226	153	317	15	76	75	56	48	47
Rate per 1,000 examinations	1.5	2.7	1.1	1.0	1.6	2.2	3.5	0.8	1.2	0.7	0.5	0.8	0.9	2.1

Table 5(c) - *continued*

Social Classes	Males							Females						
		Interval in years							Interval in years					
	Total	0	1	2	3	4/5	6 and over	Total	0	1	2	3	4/5	6 and over
								All ages						
I Professional, etc. occupations														
Number of examinations	44,780	740	11,080	17,960	7,280	5,440	2,290	1,860	110	540	830	230	160	90
Number with active tuberculosis	34	-	10	10	7	5	2	1	-	-	-	1	-	-
Rate per 1,000 examinations	0.8	0.0	0.9	0.6	1.0	0.9	0.9	0.5	0.0	0.0	0.0	4.3	0.0	0.0
II Intermediate occupations														
Number of examinations	171,080	5,150	45,100	68,000	27,330	19,720	7,780	94,220	5,530	33,100	30,750	11,820	9,230	3,790
Number with active tuberculosis	193	10	39	52	30	31	31	104	5	29	28	20	16	6
Rate per 1,000 examinations	1.1	1.9	0.9	0.8	1.1	1.6	4.0	1.1	0.9	0.9	0.9	1.7	1.7	1.6
III Skilled occupations														
Number of examinations	863,120	28,140	216,240	319,150	153,790	102,970	42,830	462,110	17,140	142,820	163,700	72,240	48,570	17,640
Number with active tuberculosis	1,277	58	241	338	255	247	138	751	30	185	225	141	118	52
Rate per 1,000 examinations	1.5	2.1	1.1	1.1	1.7	2.4	3.2	1.6	1.8	1.3	1.4	2.0	2.4	2.9
IV Partly skilled occupations														
Number of examinations	177,320	6,090	42,040	68,230	33,970	21,370	7,820	141,810	5,250	50,750	46,420	18,780	15,030	5,580
Number with active tuberculosis	289	18	55	77	55	55	29	229	10	66	63	35	32	23
Rate per 1,000 examinations	1.6	3.0	1.3	1.2	1.6	2.6	3.8	1.6	1.9	1.3	1.4	1.9	2.1	4.1
V Unskilled occupations														
Number of examinations	131,670	5,190	32,740	46,550	23,050	16,740	7,400	59,940	3,100	18,370	19,840	9,050	6,550	3,030
Number with active tuberculosis	262	13	55	70	45	48	33	81	4	25	22	10	14	6
Rate per 1,000 examinations	2.0	2.5	1.7	1.5	2.0	2.7	4.5	1.4	1.3	1.4	1.1	1.1	2.1	2.0
Not stated														
Number of examinations	109,720	7,600	61,210	26,010	8,930	4,650	1,320	321,520	13,500	98,580	104,160	48,170	38,180	18,950
Number with active tuberculosis	110	5	53	32	14	5	1	414	24	111	107	61	62	49
Rate per 1,000 examinations	1.0	0.7	0.9	1.2	1.6	1.1	0.8	1.3	1.8	1.1	1.0	1.3	1.6	2.6
All social classes														
Number of examinations	1,497,700	52,910	408,410	541,900	254,350	170,890	69,240	1,081,560	44,630	344,140	365,700	160,290	117,720	49,080
Number with active tuberculosis	2,165	104	453	579	406	389	234	1,530	73	416	445	268	242	136
Rate per 1,000 examinations	1.4	2.0	1.1	1.1	1.6	2.3	3.4	1.5	1.6	1.2	1.2	1.7	2.1	2.8

Note. The "All ages" figures include 370 male and 270 female examinations where the age was not stated.

Table 5(d). Cases of cancer of the lung, by interval (in years) since previous examination (result normal), sex and age, distinguishing those referred by general practitioners. Rates per 1,000 examinations }

England and Wales

Note. 1. For definitions, etc., see the General Notes
2. The rates are based upon the examinations in Table 5(a)

Age-groups		Males							Females						
			Interval in years							Interval in years					
		Total	0	1	2	3	4/5	6 and over	Total	0	1	2	3	4/5	6 and over
								All examinee groups							
Under 15	Number of cases	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Rate per 1,000 examinations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15-19	Number of cases	-	-	-	-	-	-	-	1	-	-	-	-	1	-
	Rate per 1,000 examinations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
20-24	Number of cases	1	-	-	-	-	1	-	-	-	-	-	-	-	-
	Rate per 1,000 examinations	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25-34	Number of cases	13	3	1	3	2	3	1	6	-	3	2	-	1	-
	Rate per 1,000 examinations	0.0	0.3	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35-54	Number of cases	332	15	90	87	67	42	31	28	1	9	6	5	4	3
	Rate per 1,000 examinations	0.5	1.2	0.6	0.4	0.6	0.6	1.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2
55-64	Number of cases	384	22	71	124	64	68	35	30	1	11	8	3	6	1
	Rate per 1,000 examinations	2.5	6.5	2.1	2.1	2.3	3.4	3.7	0.5	0.5	0.7	0.4	0.3	0.6	0.3
65 and over	Number of cases	145	4	25	49	24	22	21	12	3	3	1	2	3	-
	Rate per 1,000 examinations	4.6	5.3	3.7	4.4	4.2	5.1	8.5	0.8	7.1	0.8	0.2	0.7	1.5	0.0
Not stated	Number of cases	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Rate per 1,000 examinations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
All ages	Number of cases	875	44	167	263	157	136	88	77	5	26	17	10	15	4
	Rate per 1,000 examinations	0.8	0.8	0.4	0.5	0.6	0.8	1.3	0.1	0.1	0.1	0.0	0.1	0.1	0.1

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								General Practitioner referrals							
Under 15	Number of cases	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Rate per 1,000 examinations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15-19	Number of cases	–	–	–	–	–	–	–	1	–	–	–	–	1	–
	Rate per 1,000 examinations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	1.2	0.0
20-24	Number of cases	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Rate per 1,000 examinations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25-34	Number of cases	6	2	1	1	1	1	–	3	–	1	1	–	1	–
	Rate per 1,000 examinations	0.5	1.4	0.3	0.4	0.7	0.7	0.0	0.2	0.0	0.3	0.3	0.0	0.6	0.0
35-54	Number of cases	122	12	48	25	17	11	9	10	1	6	1	–	1	1
	Rate per 1,000 examinations	6.4	4.7	9.1	5.1	7.2	5.3	5.0	0.7	0.7	1.6	0.3	0.0	0.5	0.7
55-64	Number of cases	125	14	35	37	13	13	13	12	1	5	4	–	2	–
	Rate per 1,000 examinations	17.9	14.9	17.2	20.3	14.9	17.1	23.2	4.3	6.3	6.4	5.3	0.0	4.3	0.0
65 and over	Number of cases	63	3	12	16	10	11	11	4	1	1	1	–	1	–
	Rate per 1,000 examinations	29.6	13.0	21.4	27.6	38.4	50.0	39.3	5.1	12.5	5.6	3.6	0.0	25.0	0.0
Not stated	Number of cases	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Rate per 1,000 examinations	0.0	0.0	–	–	–	–	–	–	–	–	–	–	–	–
All ages	Number of cases	316	31	96	79	41	36	33	30	3	13	7	–	6	1
	Rate per 1,000 examinations	5.9	4.3	6.2	5.9	6.0	5.8	8.0	0.5	0.5	0.9	0.5	0.0	1.0	0.2
								All other examinee groups							
Under 15	Number of cases	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Rate per 1,000 examinations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15-19	Number of cases	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Rate per 1,000 examinations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20-24	Number of cases	1	–	–	–	–	1	–	–	–	–	–	–	–	–
	Rate per 1,000 examinations	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25-34	Number of cases	7	1	–	2	1	2	1	3	–	2	1	–	–	–
	Rate per 1,000 examinations	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35-54	Number of cases	210	3	42	62	50	31	22	18	–	3	5	5	3	2
	Rate per 1,000 examinations	0.3	0.3	0.3	0.3	0.6	0.4	0.7	0.1	0.0	0.0	0.0	0.1	0.1	0.1
55-64	Number of cases	259	8	36	67	51	55	22	18	–	6	4	3	4	1
	Rate per 1,000 examinations	1.8	3.3	1.2	1.5	1.9	2.8	2.4	0.3	0.0	0.4	0.2	0.3	0.5	0.3
65 and over	Number of cases	82	1	13	33	14	11	10	8	2	2	–	2	2	–
	Rate per 1,000 examinations	2.8	1.9	2.1	3.1	2.6	2.7	4.5	0.5	5.9	0.6	0.0	0.8	1.0	0.0
Not stated	Number of cases	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Rate per 1,000 examinations	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
All ages	Number of cases	559	13	91	184	116	100	55	47	2	13	10	10	9	3
	Rate per 1,000 examinations	0.4	0.3	0.2	0.3	0.5	0.6	0.8	0.0	0.0	0.0	0.0	0.1	0.1	0.1

(78114)

Table 6(a)(i). Tuberculous Abnormalities. Character of lesion by (a) extent of lesion, (b) result of tubercle bacilli tests and (c) activity assessment, sex and age

England and Wales

Ages under 25 years

Note. For further information on diagnosis, see the General Notes.

	Males							Females						
		B. Character of lesion*							B. Character of lesion*					
	Total	1	2 and 3	4	5	6-8	N.S.	Total	1	2 and 3	4	5	6-8	N.S.
A. Extent of lesion														
1. No pulmonary lesion	253	52	74	122	1	-	4	228	54	70	100	2	-	2
2. Unilateral. Area not greater than 2 interspaces	4,285	1,850	279	42	2,107	198	9	4,772	1,775	308	55	2,361	255	18
3. Unilateral. Area greater than 2 but not greater than 4 interspaces	639	96	32	40	332	139	-	724	93	28	50	392	180	3
4. Unilateral. Area greater than 4 interspaces	138	7	6	39	42	44	-	133	4	1	23	54	49	2
5. Bilateral. Area not greater than 2 interspaces	568	133	32	2	329	69	1	813	188	29	4	498	92	2
6. Bilateral. Area greater than 2 but not greater than 4 interspaces	311	17	5	3	178	107	1	435	28	3	1	243	159	1
7. Bilateral. Area greater than 4 interspaces (including miliary)	147	10	3	-	64	70	-	184	6	1	-	77	100	-
Not stated	71	4	1	9	3	-	54	64	2	8	4	1	-	49
C. Tubercle Bacilli														
0. No laryngeal swab or gastric lavage done. No sputum tests made	3,504	1,758	308	121	1,194	119	4	4,252	1,922	307	135	1,668	211	9
1. Only one direct smear-negative	295	29	24	15	179	48	-	323	34	18	9	219	43	-
2. More than one direct smear-all negative	260	17	14	15	193	21	-	302	17	21	11	216	34	3
3. Laryngeal swab or gastric lavage, culture negative	398	26	25	19	312	16	-	626	37	35	16	488	49	1
4. Sputum culture negative	444	34	29	17	325	36	1	540	28	20	19	411	62	-
5. Pleural fluid, culture positive	13	-	-	12	1	-	-	15	-	-	14	-	1	-
6. Laryngeal swab or gastric lavage, culture positive	109	-	2	6	74	26	1	158	2	9	2	100	45	-
7. Sputum culture positive	242	-	5	5	153	78	1	277	-	6	8	171	92	-
8. Microscopic examination(s), sputum positive	404	1	5	3	162	233	-	417	1	3	-	152	259	2
Not stated	741	104	20	44	463	48	62	443	109	27	23	203	19	62

D. Activity assessment														
1. Tuberculosis. Presumed healed. No further action needed	2,066	1,655	64	10	300	-	37	2,210	1,794	57	8	319	-	32
2. Suspect tuberculosis, not yet confirmed	275	26	48	19	146	14	22	298	39	52	11	165	6	25
3. Tuberculosis. Occasional supervision only needed	1,029	237	122	21	645	3	1	1,147	255	94	28	761	6	3
4. Tuberculosis. Close clinic supervision needed	441	11	73	31	313	12	1	519	12	79	12	409	6	1
5. Tuberculosis requiring immediate treatment	2,143	14	115	155	1,279	572	8	3,036	18	158	170	1,885	792	13
Not stated	456	26	10	21	373	26	-	143	32	6	8	89	5	3
Total	**6,410**	**1,969**	**432**	**257**	**3,056**	**627**	**69**	**7,353**	**2,150**	**446**	**237**	**3,628**	**815**	**77**

* 1. Pulmonary and/or hilar calcification without lesions of other character, but including pleural thickening and calcification.
2. Enlarged hilar glands only.
3. Enlarged hilar glands plus pulmonary focus.
4. Pleural effusion.
5. Infiltration without cavity (some calcification or fibrosis might be present).
6. Cavity suspect.
7. Definite cavity, more than 1 cm. diameter diagnosed by tomogram only.
8. Definite cavity, more than 1 cm. diameter, on straight film.
N.S. Not stated.

Table 6(a)(ii). Tuberculous Abnormalities. Character of lesion by (a) extent of lesion, (b) result of tubercle bacilli tests and (c) activity assessment, sex and age

Ages 25-54 years

Note. For further information on diagnosis, see the General Notes.

	Males							Females						
		B. Character of lesion*							B. Character of lesion*					
	Total	1	2 and 3	4	5	6-8	N.S.	Total	1	2 and 3	4	5	6-8	N.S.
A. Extent of lesion														
1. No pulmonary lesion	259	107	29	109	9	-	5	160	54	35	58	7	1	5
2. Unilateral. Area not greater than 2 interspaces	17,904	8,983	101	55	8,087	638	40	11,976	6,439	87	37	5,070	313	32
3. Unilateral. Area greater than 2 but not greater than 4 interspaces	2,751	750	18	44	1,447	485	7	1,703	541	17	23	865	251	6
4. Unilateral. Area greater than 4 interspaces	542	130	4	26	235	144	3	315	86	3	10	122	92	2
5. Bilateral. Area not greater than 2 interspaces	5,308	2,273	28	9	2,659	329	10	3,747	1,949	21	3	1,614	147	13
6. Bilateral. Area greater than 2 but not greater than 4 interspaces	2,222	550	14	7	1,125	522	4	1,362	414	9	4	695	239	1
7. Bilateral. Area greater than 4 interspaces (including miliary)	1,065	220	3	5	335	498	4	530	131	-	-	187	212	-
Not stated	187	4	1	2	3	1	176	163	3	1	3	1	-	155
C. Tubercle Bacilli														
0. No laryngeal swab or gastric lavage done. No sputum tests made	17,749	11,247	108	119	5,866	397	12	12,963	8,365	97	66	4,191	217	7
1. Only one direct smear-negative	1,617	270	15	19	1,159	147	7	784	146	11	10	552	58	7
2. More than one direct smear-all negative	1,354	173	9	14	1,003	144	11	687	81	7	5	506	54	14
3. Laryngeal swab or gastric lavage, culture negative	1,594	200	14	13	1,270	82	15	1,179	166	18	9	905	56	5
4. Sputum culture negative	2,972	346	24	28	2,381	186	7	1,529	205	19	10	1,190	102	3
5. Pleural fluid, culture positive	11	2	-	6	1	2	-	8	1	-	1	3	3	-
6. Laryngeal swab or gastric lavage, culture positive	221	4	7	3	130	76	1	163	1	2	4	113	42	1
7. Sputum culture positive	1,032	10	7	5	637	372	1	408	2	2	1	259	144	-
8. Microscopic examination(s) sputum positive	1,758	4	3	6	637	1,105	3	806	5	1	1	266	530	1
Not stated	1,930	761	11	44	616	106	192	1,451	625	16	11	574	49	176

D. Activity assessment														
1. Tuberculosis. Presumed healed. No further action needed	15,278	11,640	80	43	3,330	22	163	10,951	8,559	46	13	2,156	13	164
2. Suspect tuberculosis, not yet confirmed	942	97	17	26	704	40	58	518	65	19	18	376	13	27
3. Tuberculosis. Occasional supervision only needed	6,057	1,070	52	38	4,832	57	8	3,881	825	65	24	2,923	35	9
4. Tuberculosis. Close clinic supervision needed	1,446	27	12	27	1,251	127	2	863	19	20	14	759	50	1
5. Tuberculosis requiring immediate treatment	5,848	21	33	111	3,334	2,334	15	3,294	17	18	65	2,051	1,135	8
Not stated	667	162	4	12	449	37	3	451	132	5	4	296	9	5
Total	30,238	13,017	198	257	13,900	2,617	249	19,958	9,617	173	138	8,561	1,255	214

* See footnote on page 77

Table 6(a)(iii). Tuberculous Abnormalities. Character of lesion by (a) extent of lesion, (b) result of tubercle bacilli tests and (c) activity assessment, sex and age

Ages 55 years and over

Note. For further information on diagnosis, see the General Notes.

	Males							Females						
		B. Character of lesion*							B. Character of lesion*					
	Total	1	2 and 3	4	5	6-8	N.S.	Total	1	2 and 3	4	5	6-8	N.S.
A. Extent of lesion														
1. No pulmonary lesion	101	71	3	25	1	-	1	35	20	5	9	1	-	-
2. Unilateral. Area not greater than 2 interspaces	6,493	3,387	35	28	2,846	174	23	2,715	1,696	13	9	954	33	10
3. Unilateral. Area greater than 2 but not greater than 4 interspaces	1,296	305	12	12	785	178	4	377	137	2	5	202	28	3
4. Unilateral. Area greater than 4 interspaces	289	68	2	10	153	53	3	97	36	2	1	43	14	1
5. Bilateral. Area not greater than 2 interspaces	2,902	1,211	13	2	1,513	155	8	1,194	682	8	-	475	26	3
6. Bilateral. Area greater than 2 but not greater than 4 interspaces	1,138	298	9	1	600	226	4	364	141	8	1	192	24	-
7. Bilateral. Area greater than 4 interspaces (including miliary)	510	88	1	2	210	205	4	131	52	2	-	39	37	1
Not stated	123	4	1	-	3	1	114	56	1	-	-	1	-	54
C. Tubercle Bacilli														
0. No laryngeal swab or gastric lavage done. No sputum tests made	7,307	4,561	46	34	2,517	143	6	3,557	2,432	24	16	1,054	29	2
1. Only one direct smear - negative	780	185	5	8	511	70	1	194	47	1	1	136	8	1
2. More than one direct smear - all negative	736	107	6	10	528	69	16	166	25	2	2	118	14	5
3. Laryngeal swab or gastric lavage, culture negative	373	49	4	-	292	26	2	155	24	3	1	114	10	3
4. Sputum culture negative	1,629	197	7	13	1,279	118	15	343	52	5	1	267	17	1
5. Pleural fluid, culture positive	6	-	-	5	-	1	-	-	-	-	-	-	-	-
6. Laryngeal swab or gastric lavage, culture positive	53	3	2	1	30	17	-	16	1	1	-	8	5	1
7. Sputum culture positive	428	1	2	3	295	126	1	45	-	-	1	32	12	-
8. Microscopic examination(s) sputum positive	649	1	2	3	283	359	1	96	-	-	-	39	56	1
Not stated	891	326	2	3	378	63	119	397	184	2	3	139	11	58

D. Activity assessment														
1. Tuberculosis. Presumed healed. No further action needed	6,957	4,936	40	18	1,863	13	87	3,421	2,559	26	7	775	4	50
2. Suspect tuberculosis, not yet confirmed	444	37	7	8	310	28	54	125	12	4	3	85	7	14
3. Tuberculosis. Occasional supervision only needed	2,656	379	16	18	2,187	51	5	850	148	6	4	671	17	4
4. Tuberculosis. Close clinic supervision needed	595	10	3	7	482	91	2	142	4	-	1	122	15	-
5. Tuberculosis requiring immediate treatment	1,866	3	8	27	1,045	775	8	302	2	2	8	175	113	2
Not stated	334	67	2	2	224	34	5	129	40	-	2	79	6	2
Total	12,852	5,432	76	80	6,111	992	161	4,969	2,765	38	25	1,907	162	72

* See footnote on page 77

Table 6(a)(iv). Tuberculous Abnormalities. Character of lesion by (a) extent of lesion, (b) result of tubercle bacilli tests and (c) activity assessment, sex and age

England and Wales

All Ages

Note. For further information on diagnosis, see the General Notes.

	Males							Females						
		B. Character of lesion*							B. Character of lesion*					
	Total	1	2 and 3	4	5	6-8	N.S.	Total	1	2 and 3	4	5	6-8	N.S.
A. Extent of lesion														
1. No pulmonary lesion	613	230	106	256	11	-	10	423	128	110	167	10	1	7
2. Unilateral. Area not greater than 2 interspaces	28,687	14,021	415	125	13,043	1,011	72	19,472	9,913	406	101	8,389	601	60
3. Unilateral. Area greater than 2 but not greater than 4 interspaces	4,688	1,151	62	96	2,565	803	11	2,804	771	45	78	1,459	439	12
4. Unilateral. Area greater than 4 interspaces	970	206	12	75	430	241	6	545	126	6	34	219	155	5
5. Bilateral. Area not greater than 2 interspaces	8,777	3,617	73	13	4,502	553	19	5,757	2,820	59	7	2,588	265	18
6. Bilateral. Area greater than 2 but not greater than 4 interspaces	3,673	667	28	11	1,903	855	9	2,161	583	18	8	1,130	422	2
7. Bilateral. Area greater than 4 interspaces (including miliary)	1,722	318	7	7	809	773	8	845	189	3	-	303	349	1
Not stated	382	12	3	11	9	2	345	283	8	9	7	3	-	256
C. Tubercle Bacilli														
0. No laryngeal swab or gastric lavage done. No sputum tests made	28,565	17,570	462	274	9,578	659	22	20,779	12,722	429	237	8,916	457	18
1. Only one direct smear - negative	2,892	484	44	42	1,849	265	8	1,302	227	30	20	906	109	8
2. More than one direct smear - all negative	2,351	297	29	39	1,724	235	27	1,136	123	30	18	841	102	22
3. Laryngeal swab or gastric lavage, culture negative	2,366	275	43	32	1,875	124	17	1,961	248	56	26	1,507	115	9
4. Sputum culture negative	5,046	577	60	58	3,986	342	23	2,412	285	44	30	1,868	181	4
5. Pleural fluid, culture positive	30	2	-	23	2	3	-	23	1	-	15	3	4	-
6. Laryngeal swab or gastric lavage, culture positive	384	7	11	10	235	119	2	337	4	12	6	221	92	2
7. Sputum culture positive	1,708	11	14	13	1,085	576	3	730	2	8	10	462	248	-
8. Microscopic examination(s) sputum positive	2,812	6	10	12	1,083	1,697	4	1,319	6	4	1	459	845	4
Not stated	3,584	1,193	33	91	1,665	218	374	2,291	918	45	37	918	79	298

D. Activity assessment														
1. Tuberculosis. Presumed healed. No further action needed	24,308	18,235	184	71	5,495	35	288	16,587	12,915	130	28	3,251	17	246
2. Suspect tuberculosis, not yet confirmed	1,661	160	72	53	1,160	62	134	941	116	75	32	628	26	66
3. Tuberculosis. Occasional supervision only needed	9,743	1,686	190	77	7,664	112	14	5,881	1,229	165	56	4,357	58	16
4. Tuberculosis. Close clinic supervision needed	2,482	48	88	65	2,046	230	5	1,525	35	99	27	1,291	71	2
5. Tuberculosis requiring immediate treatment	9,861	38	156	293	5,661	3,682	31	6,633	37	178	243	4,112	2,040	23
Not stated	1,457	255	16	35	1,046	97	8	723	204	11	14	464	20	10
Total	**49,512**	**20,422**	**706**	**594**	**23,072**	**4,238**	**480**	**32,290**	**14,536**	**658**	**400**	**14,101**	**2,232**	**363**

* See footnote on page 77

Note. This table includes 12 males and 10 females where the age was not stated.

Table 6(b)(i). Tuberculous Abnormalities. Extent of lesion by (a) result of tubercle bacilli tests and (b) activity assessment, sex and age

England and Wales

Ages under 25 years

Note. For further information on diagnosis, see the General Notes.

	Males									Females								
		A. Extent of lesion*									A. Extent of lesion*							
	Total	1	2	3	4	5	6	7	N.S.	Total	1	2	3	4	5	6	7	N.S.
C. Tubercle Bacilli																		
0. No laryngeal swab or gastric lavage done. No sputum test made	3,504	167	2,657	266	40	246	66	36	6	4,252	164	3,066	306	51	410	156	66	9
1. Only one direct smear - negative	295	5	180	45	14	31	11	8	1	323	4	194	44	4	56	17	4	-
2. More than one direct smear - all negative	260	8	167	21	6	31	21	6	-	302	9	179	36	4	53	18	3	-
3. Laryngeal swab or gastric lavage. culture negative	398	15	270	45	4	44	16	3	1	626	12	439	63	3	81	31	6	2
4. Sputum culture negative	444	12	274	58	12	42	37	9	-	540	7	326	73	12	69	52	11	-
5. Pleural fluid. culture positive	13	6	-	2	4	-	1	-	-	15	11	1	1	2	-	-	-	-
6. Laryngeal swab or gastric lavage, culture positive	109	-	44	26	4	19	11	5	-	158	-	73	34	4	23	16	8	-
7. Sputum culture positive	242	1	110	51	12	32	27	9	-	277	2	106	48	16	35	41	28	1
8. Microscopic examination(s). sputum positive	404	1	122	66	28	46	63	58	-	417	-	104	99	32	48	81	53	-
Not stated	741	38	461	39	14	75	38	13	63	443	19	264	29	5	46	21	5	52
D. Activity assessment																		
1. Tuberculosis. Presumed healed. No further action needed	2,066	72	1,691	102	8	136	14	8	35	2,210	66	1,810	78	6	184	30	4	32
2. Suspect tuberculosis, not yet confirmed	275	21	184	13	6	16	10	4	19	298	19	211	18	2	23	4	1	22
3. Tuberculosis. Occasional supervision only needed	1,029	40	785	80	10	79	27	8	-	1,147	38	853	84	8	128	32	3	1
4. Tuberculosis. Close clinic supervision needed	441	34	316	32	3	38	16	2	2	519	14	362	40	5	74	19	3	2
5. Tuberculosis requiring immediate treatment	2,143	71	965	388	103	255	219	113	9	3,036	85	1,431	499	112	391	343	168	7
Not stated	456	15	324	24	8	42	25	12	6	143	6	105	7	-	13	7	5	-
Total	6,410	253	4,285	639	133	566	311	147	71	7,353	223	4,772	724	133	313	435	134	64

* 1. No pulmonary lesion.
2. Unilateral. Area not greater than 2 interspaces.
3. Unilateral. Area greater than 2 but not greater than 4 interspaces.
4. Unilateral. Area greater than 4 interspaces.
5. Bilateral. Area not greater than 2 interspaces.
6. Bilateral. Area greater than 2 but not greater than 4 interspaces.
7. Bilateral. Area greater than 4 interspaces (including miliary).
N.S. Not stated.

Table 6(b)(ii). Tuberculous Abnormalities. Extent of lesion by (a) result of tubercle bacilli tests and (b) activity assessment, sex and age }

England and Wales

Ages 25-54 years

Note. For further information on diagnosis, see the General Notes.

	Males									Females								
		A. Extent of lesion*									A. Extent of lesion*							
	Total	1	2	3	4	5	6	7	N.S.	Total	1	2	3	4	5	6	7	N.S.
C. Tubercle Bacilli																		
0. No laryngeal swab or gastric lavage done. No sputum test made	17,749	184	11,786	1,168	230	3,139	864	371	7	12,963	114	8,306	835	152	2,467	878	210	3
1. Only one direct smear - negative	1,817	8	925	198	24	271	156	33	2	784	8	438	117	11	123	72	17	2
2. More than one direct smear - all negative	1,354	9	784	161	25	231	110	23	11	667	5	369	75	9	132	54	12	11
3. Laryngeal swab or gastric lavage, culture negative	1,594	8	971	140	15	329	112	19	2	1,179	7	721	108	10	233	86	13	1
4. Sputum culture negative	2,972	17	1,572	366	55	631	255	75	1	1,529	6	838	186	20	308	127	44	-
5. Pleural fluid, culture positive	11	2	3	3	1	1	1	-	-	6	-	1	1	3	1	1	1	-
6. Laryngeal swab or gastric lavage, culture positive	221	-	89	39	7	33	34	19	-	163	1	70	30	8	25	26	3	-
7. Sputum culture positive	1,032	5	360	195	43	135	171	122	1	408	-	129	72	15	75	67	49	1
8. Microscopic examination(s), sputum positive	1,758	-	340	334	112	228	392	353	1	806	-	184	174	87	84	164	152	1
Not stated	1,930	26	1,074	147	30	312	127	50	162	1,451	19	744	105	20	301	89	29	144
D. Activity assessment																		
1. Tuberculosis. Presumed healed. No further action needed	15,278	139	10,361	838	163	2,693	677	262	145	10,951	76	7,245	582	103	2,139	525	146	135
2. Suspect tuberculosis, not yet confirmed	942	20	545	94	15	141	73	19	35	518	15	320	51	8	70	24	8	22
3. Tuberculosis. Occasional supervision only needed	6,057	29	3,774	576	74	1,185	362	74	1	3,861	22	2,362	360	41	763	265	48	-
4. Tuberculosis. Close clinic supervision needed	1,448	12	810	149	20	290	138	28	1	863	18	480	83	7	190	69	15	1
5. Tuberculosis requiring immediate treatment	5,848	53	2,001	1,053	260	878	934	666	3	3,294	23	1,286	595	148	474	457	305	4
Not stated	687	8	413	39	10	141	40	16	2	451	6	263	32	8	111	22	8	1
Total	30,236	259	17,904	2,751	542	5,306	2,222	1,065	187	19,958	160	11,978	1,703	315	3,747	1,362	530	163

* See footnote on page 34

Table 6(b)(iii). Tuberculous Abnormalities. Extent of lesion by (a) result of tubercle bacilli tests and (b) activity assessment, sex and age

England and Wales

Ages 55 years and over

Note. For further information on diagnosis, see the General Notes.

	Males									Females								
	Total	A. Extent of lesion*								Total	A. Extent of lesion*							
		1	2	3	4	5	6	7	N.S.		1	2	3	4	5	6	7	N.S.
C. Tubercle Bacilli																		
0. No laryngeal swab or gastric lavage done. No sputum test made	7,307	81	4,306	512	123	1,686	445	151	3	3,557	29	2,123	216	51	659	213	64	-
1. Only one direct smear - negative	780	1	356	109	21	166	95	32	-	194	-	93	22	4	48	21	8	-
2. More than one direct smear - all negative	736	5	306	112	21	174	80	28	10	166	3	85	16	3	30	14	9	4
3. Laryngeal swab or gastric lavage, culture negative	373	1	171	49	5	94	42	9	2	155	-	74	11	1	51	14	3	1
4. Sputum culture negative	1,629	3	699	223	38	425	186	53	2	343	1	141	46	16	85	42	13	-
6. Pleural fluid, culture positive	6	1	1	1	1	1	-	1	-	-	-	-	-	-	-	-	-	-
6. Laryngeal swab or gastric lavage, culture positive	53	-	18	11	2	4	8	10	-	16	-	5	3	1	1	4	2	-
7. Sputum culture positive	428	1	115	81	12	89	76	53	1	45	-	8	10	2	14	7	4	-
8. Microscopic examination(s), sputum positive	649	1	92	120	47	109	136	144	-	96	-	18	20	9	15	14	19	1
Not stated	891	7	429	78	19	154	70	29	105	397	2	168	29	11	93	35	9	50
D. Activity assessment																		
1. Tuberculosis. Presumed healed. No further action needed	6,957	78	4,122	426	111	1,683	429	131	77	3,421	28	2,025	204	59	810	191	61	43
2. Suspect tuberculosis, not yet confirmed	444	3	202	58	10	65	47	19	40	125	2	59	10	3	26	9	4	12
3. Tuberculosis. Occasional supervision only needed	2,856	8	1,325	328	49	871	233	41	1	850	2	425	77	12	232	82	20	-
4. Tuberculosis. Close clinic supervision needed	595	3	251	97	13	142	70	16	1	142	-	64	23	1	36	14	4	-
5. Tuberculosis requiring immediate treatment	1,866	7	421	354	99	357	336	288	4	302	2	82	53	19	54	53	38	1
Not stated	334	2	172	33	7	84	23	13	-	129	1	60	10	3	36	15	4	-
Total	12,852	101	6,493	1,296	289	2,902	1,138	510	123	4,969	35	2,715	377	97	1,194	364	131	56

* See footnote on page 84

Table 6(b)(iv). Tuberculous Abnormalities. Extent of lesion by (a) result of tubercle bacilli tests and (b) activity assessment, sex and age

England and Wales

All ages

Note. For further information on diagnosis, see the General Notes.

	Males									Females								
		A. Extent of lesion*									A. Extent of lesion*							
	Total	1	2	3	4	5	6	7	N.S.	Total	1	2	3	4	5	6	7	N.S.
C. Tubercle Bacilli																		
0. No laryngeal swab or gastric lavage done. No sputum test made	26,565	432	16,761	1,946	394	5,071	1,397	556	16	20,779	307	13,720	1,361	254	3,736	1,047	340	12
1. Only one direct smear - negative	2,692	14	1,461	352	59	466	282	73	3	1,302	10	724	183	19	226	110	29	2
2. More than one direct smear - all negative	2,351	22	1,257	296	52	436	211	57	21	1,136	17	634	129	16	215	66	24	15
3. Laryngeal swab or gastric lavage, culture negative	2,366	22	1,413	254	24	467	170	31	5	1,961	19	1,234	171	14	366	131	22	4
4. Sputum culture negative	5,046	32	2,545	647	106	1,099	476	137	3	2,412	16	1,305	306	47	450	221	68	-
5. Pleural fluid, culture positive	30	9	4	6	6	2	2	1	-	23	11	2	2	5	1	1	1	-
5. Laryngeal swab or gastric lavage, culture positive	384	-	152	76	13	56	53	34	-	337	1	146	67	13	49	46	13	-
7. Sputum culture positive	1,702	7	566	327	67	256	274	164	2	730	2	243	130	33	124	115	61	2
8. Microscopic examination(s), sputum positive	2,612	2	654	541	167	361	591	555	1	1,319	-	266	293	106	147	259	224	2
Not stated	3,564	73	1,965	284	63	541	236	92	331	2,291	40	1,176	163	36	442	145	43	246
D. Activity assessment																		
1. Tuberculosis. Presumed healed. No further action needed	24,306	269	16,176	1,366	283	4,415	1,122	401	256	16,567	170	11,063	864	166	3,136	746	211	210
2. Suspect tuberculosis, not yet confirmed	1,661	44	931	166	31	224	130	42	94	941	36	690	77	13	119	37	13	56
3. Tuberculosis. Occasional supervision only needed	9,743	77	6,684	967	133	1,916	622	123	2	5,881	62	3,662	521	31	1,124	379	71	1
4. Tuberculosis. Close clinic supervision needed	2,462	49	1,377	278	36	468	222	46	4	1,525	32	907	146	13	300	102	22	3
5. Tuberculosis requiring immediate treatment	9,661	131	3,410	1,796	462	1,490	1,489	1,067	16	5,633	110	2,502	1,147	279	919	853	511	12
Not stated	1,467	23	909	96	25	267	88	41	3	723	13	426	49	11	160	44	17	1
Total	49,512	613	28,687	4,688	970	8,777	3,673	1,722	382	32,290	423	19,472	2,804	545	5,757	2,161	845	283

* See footnote on page 64

Note. This table includes 12 males and 10 females where the age was not stated.

Table 6(c)(i). Tuberculous Abnormalities. Result of tubercle bacilli tests by activity assessment, sex and age — England and Wales

Ages under 25 years

Note. For further information on diagnosis, see the General Notes.

C. Tubercle Bacilli	Total	D. Activity assessment* 1	2	3	4	5	N.S.
		Males					
0. No laryngeal swab or gastric lavage done. No sputum tests made	3,504	1,848	152	865	218	616	5
1. Only one direct smear - negative	295	30	25	59	33	147	1
2. More than one direct smear - all negative	260	15	11	59	39	135	1
3. Laryngeal swab or gastric lavage, culture negative	398	30	20	104	65	179	-
4. Sputum culture negative	444	21	21	119	52	231	-
5. Pleural fluid, culture positive	13	-	-	-	-	13	-
6. Laryngeal swab or gastric lavage, culture positive	109	1	1	1	3	103	-
7. Sputum culture positive	242	-	-	1	4	237	-
8. Microscopic examination(s), sputum positive	404	-	-	2	8	395	1
Not stated	741	121	45	19	21	87	448
Total	**6,410**	**2,066**	**275**	**1,029**	**441**	**2,143**	**456**
		Females					
0. No laryngeal swab or gastric lavage done. No sputum tests made	4,252	2,018	162	740	235	1,090	7
1. Only one direct smear - negative	323	19	24	73	26	180	1
2. More than one direct smear - all negative	302	13	12	40	51	185	1
3. Laryngeal swab or gastric lavage, culture negative	628	30	24	149	97	325	1
4. Sputum culture negative	540	20	17	119	65	318	1
5. Pleural fluid, culture positive	15	-	-	-	-	15	-
8. Laryngeal swab or gastric lavage, culture positive	158	-	-	-	8	150	-
7. Sputum culture positive	277	-	1	1	5	270	-
8. Microscopic examination(s), sputum positive	417	-	-	-	3	414	-
Not stated	443	110	58	25	29	89	132
Total	**7,353**	**2,210**	**298**	**1,147**	**519**	**3,036**	**143**

* 1. Tuberculosis. Presumed healed. No further action needed.
2. Suspect tuberculosis, not yet confirmed.
3. Tuberculosis. Occasional supervision only needed.
4. Tuberculosis. Close clinic supervision needed.
5. Tuberculosis requiring immediate treatment.
N.S. Not stated.

Table 6(c)(ii). Tuberculous Abnormalities. Result of tubercle bacilli tests by activity assessment, sex and age — England and Wales

Ages 25-54 years

Note. For further information on diagnosis, see the General Notes.

C. Tubercle Bacilli	Total	D. Activity assessment* 1	2	3	4	5	N.S.
Males							
0. No laryngeal swab or gastric lavage done. No sputum tests made	17,749	13,314	368	2,602	404	1,024	37
1. Only one direct smear - negative	1,617	313	94	654	155	399	2
2. More than one direct smear - all negative	1,354	210	101	466	184	369	4
3. Laryngeal swab or gastric lavage, culture negative	1,594	204	90	766	190	337	7
4. Sputum culture negative	2,972	405	142	1,394	364	681	6
5. Pleural fluid, culture positive	11	2	-	-	-	9	-
6. Laryngeal swab or gastric lavage, culture positive	221	-	-	15	14	192	-
7. Sputum culture positive	1,032	4	2	3	48	975	-
8. Microscopic examination(s), sputum positive	1,758	2	2	6	24	1,724	-
Not stated	1,930	824	143	131	63	158	611
Total	30,238	15,278	942	6,057	1,446	5,848	667
Females							
0. No laryngeal swab or gastric lavage done. No sputum tests made	12,963	9,576	215	2,042	320	785	25
1. Only one direct smear - negative	784	144	51	296	81	211	1
2. More than one direct smear - all negative	667	116	39	221	82	209	-
3. Laryngeal swab or gastric lavage, culture negative	1,179	176	72	537	122	266	4
4. Sputum culture negative	1,529	211	53	673	195	393	4
5. Pleural fluid, culture positive	8	-	-	1	-	7	-
6. Laryngeal swab or gastric lavage, culture positive	163	2	1	-	8	152	-
7. Sputum culture positive	408	-	1	3	19	385	-
6. Microscopic examination(s), sputum positive	806	2	-	4	4	796	-
Not stated	1,451	724	86	104	52	88	417
Total	19,958	10,951	518	3,881	863	3,294	451

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* See footnote on page 88

Table 6(c)(iii). Tuberculous Abnormalities. Result of tubercle bacilli tests by activity assessment, sex and age } England and Wales

Ages 55 years and over

Note. For further information on diagnosis, see the General Notes.

C. Tubercle Bacilli	Total	D. Activity assessment* 1	2	3	4	5	N.S.
Males							
0. No laryngeal swab or gastric lavage done. No sputum tests made	7,307	5,778	121	963	156	274	15
1. Only one direct smear - negative	780	219	58	323	48	132	-
2. More than one direct smear - all negative	736	194	52	290	81	118	1
3. Laryngeal swab or gastric lavage, culture negative	373	66	27	191	45	42	2
4. Sputum culture negative	1,629	299	100	832	187	206	5
5. Pleural fluid, culture positive	6	-	-	-	-	6	-
6. Laryngeal swab or gastric lavage, culture positive	53	-	1	1	8	43	-
7. Sputum culture positive	428	1	4	5	30	388	-
8. Microscopic examination(s), sputum positive	649	1	-	8	19	619	2
Not stated	891	399	81	43	21	38	309
Total	12,852	6,957	444	2,656	595	1,866	334
Females							
0. No laryngeal swab or gastric lavage done. No sputum tests made	3,557	2,967	48	422	47	64	9
1. Only one direct smear - negative	194	71	9	89	13	12	-
2. More than one direct smear - all negative	188	56	17	51	20	21	1
3. Laryngeal swab or gastric lavage, culture negative	155	27	10	93	12	11	2
4. Sputum culture negative	343	84	15	166	36	40	2
5. Pleural fluid, culture positive	-	-	-	-	-	-	-
6. Laryngeal swab or gastric lavage, culture positive	16	-	-	1	2	13	-
7. Sputum culture positive	45	-	-	1	8	36	-
8. Microscopic examination(s), sputum positive	96	-	-	1	1	94	-
Not stated	397	216	26	26	3	11	115
Total	4,969	3,421	125	850	142	302	129

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* See footnote on page 88

Table 6(c)(iv). Tuberculous Abnormalities. Result of tubercle bacilli tests by activity assessment, sex and age — England and Wales

All ages

Note. For further information on diagnosis, see the General Notes.

C. Tubercle Bacilli	Total	D. Activity assessment* 1	2	3	4	5	N.S.
		Males					
0. No laryngeal swab or gastric lavage done. No sputum tests made	28,565	20,944	641	4,230	778	1,915	57
1. Only one direct smear - negative	2,892	562	177	1,036	236	878	3
2. More than one direct smear - all negative	2,351	419	164	836	304	622	6
3. Laryngeal swab or gastric lavage, culture negative	2,368	301	137	1,061	300	558	9
4. Sputum culture negative	5,046	726	263	2,345	603	1,098	11
5. Pleural fluid, culture positive	30	2	-	-	-	28	-
6. Laryngeal swab or gastric lavage, culture positive	384	1	2	17	25	339	-
7. Sputum culture positive	1,702	5	6	9	82	1,600	-
8. Microscopic examination(s), sputum positive	2,812	3	2	18	49	2,739	3
Not stated	3,564	1,345	269	193	105	284	1,368
Total	**49,512**	**24,308**	**1,661**	**9,743**	**2,482**	**9,861**	**1,457**
		Females					
0. No laryngeal swab or gastric lavage done. No sputum tests made	20,779	14,564	425	3,207	603	1,939	41
1. Only one direct smear - negative	1,302	234	84	458	120	404	2
2. More than one direct smear - all negative	1,136	186	68	312	153	415	2
3. Laryngeal swab or gastric lavage, culture negative	1,981	234	106	779	231	604	7
4. Sputum culture negative	2,412	315	85	958	296	751	7
5. Pleural fluid, culture positive	23	-	-	1	-	22	-
6. Laryngeal swab or gastric lavage, culture positive	337	2	1	1	18	315	-
7. Sputum culture positive	730	-	2	5	32	891	-
8. Microscopic examination(s), sputum positive	1,319	2	-	5	8	1,304	-
Not stated	2,291	1,050	170	155	64	188	664
Total	**32,290**	**16,587**	**941**	**5,881**	**1,525**	**6,633**	**723**

* See footnote on page 88

Note. This table includes 12 males and 10 females where the age was not stated.

Table 7(a). Tuberculous abnormalities, by tuberculous history, activity assessment, sex and age

Note. For definitions, etc., see the General Notes.

Tuberculous history	Activity assessment*	Males									Females								
		All ages	Under 15	15-	20-	25-	35-	55-	65 and over	Not atated	All ages	Under 15	15-	20-	25-	35-	55-	65 and over	Not stated
Family history	D. (1-3)	920	44	58	56	190	415	116	39	-	862	33	67	78	203	332	111	36	-
	D. (4-5)	515	26	46	59	122	172	69	17	-	455	34	84	99	104	113	15	6	-
	Not stated	64	1	33	13	4	9	2	2	-	27	4	-	6	4	9	-	4	-
Contact	D. (1-3)	515	45	34	29	114	210	65	16	-	506	45	33	44	127	191	46	16	-
	D. (4-5)	366	20	50	52	94	113	30	7	-	374	33	75	85	94	66	13	6	-
	Not atated	14	1	-	1	6	4	1	1	-	15	1	2	1	3	7	1	-	-
Past illness	D. (1-3)	5,604	46	109	163	751	2,783	1,276	476	-	3,422	49	91	193	698	1,717	488	184	2
	D. (4-5)	1,466	20	88	100	230	632	297	117	2	794	19	83	106	225	287	52	20	2
	Not atated	159	1	15	10	22	55	35	21	-	69	1	3	8	9	33	6	7	-
Family history and contact	D. (1-3)	983	45	47	41	196	427	162	63	-	1,105	56	56	90	240	496	113	52	-
	D. (4-5)	612	27	67	55	157	221	84	21	-	609	49	117	106	166	145	14	6	-
	Not stated	28	-	5	6	6	6	2	1	-	15	1	2	3	3	5	-	1	-
Family history and past illness	D. (1-3)	132	1	4	6	16	74	21	6	-	152	4	5	6	32	72	21	12	-
	D. (4-5)	58	3	2	6	7	26	9	1	-	31	2	1	3	11	11	1	2	-
	Not stated	1	-	-	-	-	1	-	-	-	2	-	-	-	2	-	-	-	-
Family history, contact and past illness	D. (1-3)	254	3	6	10	42	129	50	12	-	265	5	10	8	51	136	44	11	-
	D. (4-5)	107	3	7	5	19	44	21	6	-	72	4	5	13	16	22	6	2	-
	Not stated	3	-	-	-	1	1	-	1	-	5	-	-	-	-	3	1	1	-
Contact and past illness	D. (1-3)	95	-	3	7	16	50	12	7	-	105	3	3	12	26	36	16	7	-
	D. (4-5)	59	1	1	6	13	25	12	1	-	61	4	8	9	16	16	6	-	-
	Not stated	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-
None, not known or unobtainable	D. (1-3)	27,209	624	691	1,096	4,315	12,545	5,341	2,389	6	16,992	547	907	1,306	3,516	7,475	2,205	1,026	6
	D. (4-5)	9,140	237	796	901	1.915	3,502	1,290	497	2	5,762	294	1,095	1,225	1,570	1,289	181	106	-
	Not stated	1,168	20	230	116	166	388	160	66	-	569	14	32	65	129	243	61	25	-
All tuberculous abnormalities		49,512	1,170	2,496	2,744	8,406	21,832	9,057	3,795	12	32,290	1,202	2,681	3,470	7,252	12,706	3,429	1,540	10
Totals	D. (1-3)	35,712	808	1,154	1,408	5,644	16,633	7,045	3,012	8	23,409	742	1,174	1,739	4,895	10,455	3,048	1,348	8
	O. (4-5)	12,343	339	1,059	1,186	2,557	4,737	1,792	669	4	8,158	439	1,468	1,648	2,206	1,951	290	154	2
	Not stated	1,457	23	283	150	205	462	220	114	-	728	21	39	83	151	300	91	38	-

* D. (1-3) Healed, inactive and suspected tuberculosis.
D. (4-5) Active tuberculosis.

Table 7(b)(i). Tuberculous abnormalities within social classes, by tuberculous history, activity assessment, sex and age

England and Wales

Social Classes I and II

Note. For definitions, etc., see the General Notes.

Tuberculous history	Activity assessment*	Males								Females							
		All ages	15-	20-	25-	35-	55-	65 and over	Not stated	All ages	15-	20-	25-	35-	55-	65 and over	Not stated
Family history	D. (1-3)	115	2	5	25	68	13	2	-	41	1	4	13	19	4	-	-
	D. (4-5)	34	1	3	11	13	5	1	-	12	-	6	3	3	-	-	-
	Not stated	8	2	5	-	-	-	1	-	-	-	-	-	-	-	-	-
Contact	D. (1-3)	63	2	2	17	32	8	2	-	47	-	3	13	24	5	2	-
	D. (4-5)	36	1	6	16	12	1	-	-	18	5	3	7	2	-	1	-
	Not stated	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-
Past illness	D. (1-3)	755	1	15	126	413	146	54	-	242	4	15	59	125	29	10	-
	D. (4-5)	152	2	12	31	68	28	11	-	30	2	4	13	7	3	1	-
	Not stated	14	1	-	2	6	3	2	-	4	-	-	-	2	-	2	-
Family history and contact	D. (1-3)	137	2	12	26	66	20	11	-	55	-	5	22	23	3	2	-
	D. (4-5)	55	2	7	19	21	4	2	-	38	7	8	9	14	-	-	-
	Not stated	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Family history and past illness	D. (1-3)	22	-	1	1	13	5	2	-	10	-	-	1	6	3	-	-
	D. (4-5)	2	-	-	-	2	-	-	-	3	1	-	-	2	-	-	-
	Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Family history, contact and past illness	D. (1-3)	41	1	4	7	22	7	-	-	13	1	-	3	9	-	-	-
	D. (4-5)	12	-	-	4	6	-	2	-	5	-	-	3	1	1	-	-
	Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Contact and past illness	D. (1-3)	11	-	1	2	6	1	1	-	8	-	-	3	3	2	-	-
	D. (4-5)	10	-	1	3	4	2	-	-	3	1	-	1	1	-	-	-
	Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
None, not known, or unobtainable	D. (1-3)	3,197	42	87	594	1,646	593	235	-	1,000	33	85	218	529	105	30	-
	D. (4-5)	875	38	99	227	382	104	25	-	285	40	84	83	69	6	3	-
	Not stated	152	15	22	29	61	17	8	-	47	-	5	18	17	4	3	-
All tuberculous abnormalities		6,692	112	282	1,141	2,841	957	359	-	1,852	95	222	469	857	165	54	-
Totals	D. (1-3)	4,341	50	127	798	2,266	793	307	-	1,416	39	112	332	738	151	44	-
	D. (4-5)	1,176	44	128	311	508	144	41	-	394	56	105	119	99	10	5	-
	Not stated	175	18	27	32	67	20	11	-	62	-	5	18	20	4	5	-

* D. (1-3) Healed, inactive and suspected tuberculosis.
D. (4-5) Active tuberculosis.

(78114)

Table 7(b)(ii). Tuberculous abnormalities within social classes, by tuberculous history, activity assessment, sex and age

England and Wales

Social Class III

Note. For definitions, etc., see the General Notes.

Tuberculous history	Activity assessment*	Males								Females							
		All ages	15-	20-	25-	35-	55-	65 and over	Not stated	All ages	15-	20-	25-	35-	55-	65 and over	Not stated
Family history	D. (1-3)	497	29	41	110	229	64	24	-	260	42	36	66	90	21	3	-
	D. (4-5)	260	32	25	66	117	26	12	-	157	49	62	27	15	3	1	-
	Not stated	34	20	6	3	3	1	1	-	5	-	3	-	2	-	-	-
Contact	D. (1-3)	273	16	23	75	117	36	6	-	116	16	19	39	34	6	-	-
	D. (4-5)	203	27	36	56	67	15	2	-	116	41	47	16	6	2	-	-
	Not stated	9	-	1	2	4	1	1	-	6	2	1	1	1	1	-	-
Past illness	D. (1-3)	3,224	63	97	455	1,676	705	226	-	934	53	91	223	465	69	12	1
	D. (4-5)	766	44	52	134	347	155	54	2	220	45	56	58	60	9	1	-
	Not stated	73	9	9	9	27	12	7	-	18	2	3	4	6	1	-	-
Family history and contact	D. (1-3)	547	26	19	114	261	96	31	-	272	31	41	77	108	16	2	-
	D. (4-5)	336	35	34	104	122	31	12	-	173	55	50	46	19	2	1	-
	Not stated	18	5	6	1	5	1	-	-	4	-	3	1	-	-	-	-
Family history and past illness	D. (1-3)	65	3	4	10	39	7	2	-	38	2	3	6	22	3	-	-
	D. (4-5)	31	1	3	4	19	4	-	-	5	-	1	2	2	-	-	-
	Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Family history, contact and past illness	D. (1-3)	135	3	3	24	69	26	10	-	61	6	3	14	32	6	-	-
	D. (4-5)	56	6	3	11	22	11	3	-	23	1	6	5	10	1	-	-
	Not stated	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Contact and past illness	D. (1-3)	56	3	4	12	25	7	5	-	29	1	7	9	11	1	-	-
	D. (4-5)	36	1	4	9	14	7	1	-	18	4	4	6	4	-	-	-
	Not stated	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-
None, not known, or obtainable	D. (1-3)	14,090	447	657	2,457	6,331	2,092	1,004	2	4,543	465	676	1,116	1,917	330	35	2
	D. (4-5)	4,769	451	566	1,086	1,861	607	192	2	1,995	596	615	491	270	16	5	-
	Not stated	536	125	64	76	171	66	32	-	166	23	29	33	61	6	1	-
All tuberculous abnormalities		26,059	1,346	1,659	4,624	12,028	4,570	1,526	6	9,158	1,438	1,760	2,245	3,134	517	61	3
Totals	D. (1-3)	18,887	590	648	3,257	9,249	3,533	1,308	2	6,253	618	880	1,552	2,674	474	52	3
	D. (4-5)	6,501	597	725	1,474	2,569	856	276	4	2,716	793	841	653	366	33	8	-
	Not stated	671	159	86	93	210	81	42	-	189	27	39	40	72	10	1	-

* D. (1-3) Healed, inactive and suspected tuberculosis.
D. (4-5) Active tuberculosis.

Table 7(b)(iii). Tuberculous abnormalities within social classes, by tuberculous history, activity assessment, sex and age

England and Wales

Social Classes IV and V

Note. For definitions, etc., see the General Notes.

Tuberculous history	Activity assessment *	Males								Females							
		All ages	15-	20-	25-	35-	55-	65 and over	Not stated	All ages	15-	20-	25-	35-	55-	65 and over	Not stated
Family history	D. (1-3)	238	19	7	50	114	39	9	-	162	14	21	37	68	21	1	-
	D. (4-5)	150	11	23	37	41	35	3	-	87	24	19	19	21	2	2	-
	Not stated	20	10	2	1	6	1	-	-	6	-	1	1	3	-	1	-
Contact	D. (1-3)	116	6	3	20	59	21	7	-	79	9	8	15	36	9	2	-
	D. (4-5)	81	7	6	19	34	13	2	-	62	12	18	13	17	2	-	-
	Not stated	4	-	-	4	-	-	-	-	4	-	-	1	3	-	-	-
Past illness	D. (1-3)	1,368	24	29	143	642	389	141	-	625	18	47	110	343	94	13	-
	D. (4-5)	445	20	27	59	198	105	36	-	143	22	22	32	57	9	-	1
	Not stated	41	4	-	7	15	10	5	-	21	1	2	3	11	3	1	-
Family history and contact	D. (1-3)	240	11	9	57	100	44	19	-	214	11	22	34	120	24	3	-
	D. (4-5)	165	12	11	32	77	27	6	-	119	30	23	36	26	4	-	-
	Not stated	9	-	2	4	1	1	1	-	4	2	-	-	2	-	-	-
Family history and past illness	D. (1-3)	37	-	-	6	20	9	2	-	27	2	-	8	13	3	1	-
	D. (4-5)	19	-	3	3	7	5	1	-	6	-	2	3	1	-	-	-
	Not stated	1	-	-	-	1	-	-	-	1	-	-	1	-	-	-	-
Family history, contact and past illness	D. (1-3)	67	1	2	7	38	17	2	-	52	1	3	12	26	9	1	-
	D. (4-5)	35	1	2	4	15	10	3	-	12	3	4	-	4	1	-	-
	Not stated	1	-	-	-	1	-	-	-	2	-	-	-	2	-	-	-
Contact and past illness	D. (1-3)	23	-	2	-	16	4	1	-	21	2	4	3	7	5	-	-
	D. (4-5)	12	-	1	1	7	3	-	-	15	-	3	2	9	1	-	-
	Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
None, not known, or obtainable	D. (1-3)	7,359	208	225	1,046	3,464	1,736	680	-	3,226	182	271	602	1,696	309	74	2
	D. (4-5)	2,621	148	160	521	1,107	505	180	-	1,164	271	309	268	272	35	9	-
	Not stated	320	78	24	41	94	64	19	-	103	5	12	19	53	13	1	-
All tuberculous abnormalities		13,372	660	538	2,062	6,057	3,038	1,117	-	6,155	609	791	1,219	2,790	634	109	3
Totals	D. (1-3)	9,448	259	277	1,329	4,453	2,259	851	-	4,405	239	376	821	2,309	564	95	2
	D. (4-5)	3,528	199	233	575	1,486	703	231	-	1,608	362	400	373	407	54	11	1
	Not stated	396	92	28	57	118	76	25	-	141	8	15	25	74	16	3	-

* D. (1-3) Healed, inactive and suspected tuberculosis.
D. (4-5) Active tuberculosis.

Table 8(a). Examinations and cases of active tuberculosis and cancer of lung discovered, by area of residence, sex and age, distinguishing those referred by general practitioners. Rates per 1,000 examinations

England and Wales, metropolitan and county boroughs, administrative counties

All examinee groups

Note. For definitions, etc., see the General Notes.

Area	Age	Males: Number of examinations	Males: Number with active t.b.	Males: Rate	Males: Number with cancer of lung	Males: Rate	Females: Number of examinations	Females: Number with active t.b.	Females: Rate	Females: Number with cancer of lung	Females: Rate
England and Wales	Under 35	3,164,150	5,141	1.6	53	0.0	2,923,790	5,761	2.0	20	0.0
	35 and over	2,697,990	7,198	2.7	4,397	1.6	1,818,520	2,395	1.3	488	0.3
	Total	5,864,190	12,343	2.1	4,450	0.8	4,743,670	8,158	1.7	508	0.1
London A.C.	Under 35	246,430	596	2.4	3	0.0	237,580	589	2.5	2	0.0
	35 and over	192,100	988	5.1	518	2.7	147,890	313	2.1	86	0.6
	Total	438,530	1,584	3.6	521	1.2	385,550	903	2.3	88	0.2
City of London	Under 35	460	-	0.0	-	0.0	200	-	0.0	-	0.0
	35 and over	370	-	0.0	-	0.0	210	1	4.8	-	0.0
	Total	830	-	0.0	-	0.0	410	1	2.4	-	0.0
Battersea	Under 35	7,910	19	2.4	-	0.0	7,310	19	2.6	-	0.0
	35 and over	7,390	31	4.2	14	1.9	4,840	8	1.7	1	0.2
	Total	15,310	50	3.3	14	0.9	12,150	27	2.2	1	0.1
Bermondsey	Under 35	4,530	9	2.0	-	0.0	3,960	11	2.8	-	0.0
	35 and over	3,210	8	2.5	4	1.2	1,970	-	0.0	-	0.0
	Total	7,740	17	2.2	4	0.5	5,930	11	1.8	-	0.0
Bethnal Green	Under 35	2,500	4	1.6	-	0.0	2,170	7	3.2	-	0.0
	35 and over	1,550	5	3.2	2	1.3	1,200	-	0.0	2	1.7
	Total	4,050	9	2.2	2	0.5	3,370	7	2.1	2	0.6
Camberwell	Under 35	14,120	38	2.7	-	0.0	11,070	28	2.5	-	0.0
	35 and over	10,670	113	10.4	24	2.2	6,900	18	2.6	3	0.4
	Total	25,020	151	6.0	24	1.0	17,980	46	2.6	3	0.2
Chelsea	Under 35	3,650	9	2.5	-	0.0	2,660	4	1.5	1	0.4
	35 and over	1,560	6	3.8	3	1.9	1,380	4	2.9	2	1.4
	Total	5,210	15	2.9	3	0.6	4,040	8	2.0	3	0.7
Deptford	Under 35	7,020	18	2.6	1	0.1	6,630	22	3.3	-	0.0
	35 and over	5,870	66	11.2	9	1.5	4,010	22	5.5	1	0.2
	Total	12,890	84	6.5	10	0.8	10,650	44	4.1	1	0.1
Finsbury	Under 35	1,820	6	3.3	-	0.0	2,150	-	0.0	-	0.0
	35 and over	1,620	5	3.1	8	4.9	1,010	1	1.0	2	2.0
	Total	3,440	11	3.2	8	2.3	3,160	1	0.3	2	0.6
Fulham	Under 35	7,600	19	2.5	-	0.0	7,850	21	2.7	-	0.0
	35 and over	7,950	29	3.6	21	2.6	6,150	5	0.8	3	0.5
	Total	15,550	48	3.1	21	1.4	14,000	26	1.9	3	0.2
Greenwich	Under 35	8,390	28	3.3	-	0.0	8,280	26	3.1	-	0.0
	35 and over	7,200	52	7.2	14	1.9	4,950	17	3.4	1	0.2
	Total	15,590	80	5.1	14	0.9	13,230	43	3.3	1	0.1
Hackney	Under 35	10,850	13	1.2	-	0.0	12,200	21	1.7	-	0.0
	35 and over	7,610	23	3.0	16	2.1	6,570	6	0.9	5	0.8
	Total	18,460	36	2.0	16	0.9	18,770	27	1.4	5	0.3
Hammersmith	Under 35	7,060	15	2.1	-	0.0	4,210	10	2.4	-	0.0
	35 and over	4,530	16	3.5	4	0.9	2,810	10	3.6	-	0.0
	Total	11,590	31	2.7	4	0.3	7,020	20	2.8	-	0.0
Hampstead	Under 35	6,400	9	1.4	-	0.0	6,450	12	1.9	-	0.0
	35 and over	4,440	9	2.0	10	2.3	3,880	5	1.3	-	0.0
	Total	10,840	18	1.7	10	0.9	10,330	17	1.6	-	0.0
Holborn	Under 35	2,480	2	0.8	-	0.0	3,000	3	1.0	-	0.0
	35 and over	1,490	4	2.7	5	3.4	1,160	1	0.9	-	0.0
	Total	3,980	6	1.5	5	1.3	4,160	4	1.0	-	0.0
Islington	Under 35	20,120	75	3.7	-	0.0	23,990	85	3.5	-	0.0
	35 and over	16,240	120	7.4	106	6.5	14,360	52	3.6	19	1.3
	Total	36,370	195	5.4	106	2.9	38,350	137	3.6	19	0.5
Kensington	Under 35	13,130	35	2.7	-	0.0	12,220	24	2.0	-	0.0
	35 and over	6,980	31	4.4	15	2.1	5,560	8	1.4	2	0.4
	Total	20,110	66	3.3	15	0.7	17,780	32	1.8	2	0.1
Lambeth	Under 35	20,850	50	2.4	2	0.1	19,950	45	2.3	-	0.0
	35 and over	15,630	67	4.3	57	3.6	13,870	37	2.7	7	0.5
	Total	36,490	117	3.2	59	1.6	33,840	82	2.4	7	0.2
Lewisham	Under 35	16,140	36	2.0	-	0.0	14,920	33	2.2	-	0.0
	35 and over	15,610	32	2.3	10	0.7	9,650	7	0.7	2	0.2
	Total	31,990	68	2.1	10	0.3	24,590	40	1.6	2	0.1
Paddington	Under 35	7,440	21	2.8	-	0.0	5,320	18	3.4	-	0.0
	35 and over	4,500	24	5.3	5	1.1	3,350	4	1.2	-	0.0
	Total	11,950	45	3.8	5	0.4	8,670	22	2.5	-	0.0

Table 8(a) - *continued*

Area	Age	Males					Females				
		Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate	Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate
London A.C. - *continued*											
Poplar	Under 35	3,720	6	1.6	-	0.0	2,890	5	1.7	-	0.0
	35 and over	2,670	8	3.0	4	1.5	1,830	1	0.5	-	0.0
	Total	6,390	14	2.2	4	0.6	4,720	6	1.3	-	0.0
St. Marylebone	Under 35	2,720	6	2.2	-	0.0	3,240	4	1.2	-	0.0
	35 and over	2,630	3	1.1	3	1.1	2,310	4	1.7	1	0.4
	Total	5,350	9	1.7	3	0.6	5,550	8	1.4	1	0.2
St. Pancras	Under 35	10,140	36	3.7	-	0.0	10,770	35	3.2	-	0.0
	35 and over	8,590	68	7.7	24	2.8	6,720	8	1.2	4	0.6
	Total	18,730	105	5.6	24	1.3	17,510	43	2.5	4	0.2
Shoreditch	Under 35	2,500	1	0.4	-	0.0	2,450	7	2.9	-	0.0
	35 and over	1,490	6	4.0	4	2.7	1,060	2	1.9	-	0.0
	Total	3,990	7	1.8	4	1.0	3,510	9	2.6	-	0.0
Southwark	Under 35	6,270	8	1.3	-	0.0	6,170	18	2.9	-	0.0
	35 and over	3,670	19	5.2	9	2.5	2,300	8	3.5	7	3.0
	Total	9,950	27	2.7	9	0.9	8,470	26	3.1	7	0.8
Stepney	Under 35	5,910	7	1.2	-	0.0	3,750	7	1.9	-	0.0
	35 and over	3,850	19	4.9	8	2.1	2,320	4	1.7	-	0.0
	Total	9,760	26	2.7	8	0.8	6,070	11	1.8	-	0.0
Stoke Newington	Under 35	4,380	14	3.2	-	0.0	4,680	13	2.8	-	0.0
	35 and over	3,360	11	3.3	6	1.8	2,760	4	1.4	-	0.0
	Total	7,740	25	3.2	6	0.8	7,440	17	2.3	-	0.0
Wandsworth	Under 35	27,760	70	2.5	-	0.0	31,390	85	2.7	-	0.0
	35 and over	27,680	110	4.0	108	3.9	23,170	41	1.8	19	0.8
	Total	55,440	180	3.2	108	1.9	54,560	126	2.3	19	0.3
Westminster, City of	Under 35	6,440	16	2.5	-	0.0	5,310	7	1.3	1	0.2
	35 and over	4,560	36	7.9	12	2.6	3,320	5	1.5	2	0.6
	Total	11,000	52	4.7	12	1.1	8,630	12	1.4	3	0.3
Woolwich	Under 35	12,140	23	1.9	-	0.0	12,410	20	1.6	-	0.0
	35 and over	10,770	69	6.4	13	1.2	8,190	30	3.7	3	0.4
	Total	22,920	92	4.0	13	0.6	20,630	50	2.4	3	0.1
County Boroughs											
Barnsley	Under 35	4,590	9	2.0	-	0.0	4,510	9	2.0	-	0.0
	35 and over	3,230	14	4.3	1	0.3	2,240	3	1.3	-	0.0
	Total	7,820	23	2.9	1	0.1	6,750	12	1.8	-	0.0
Barrow-in-Furness	Under 35	140	-	0.0	-	0.0	110	-	0.0	-	0.0
	35 and over	80	-	0.0	-	0.0	30	-	0.0	-	0.0
	Total	220	-	0.0	-	0.0	140	-	0.0	-	0.0
Bath	Under 35	9,620	6	0.6	-	0.0	8,540	5	0.6	-	0.0
	35 and over	7,300	5	0.7	2	0.3	4,400	5	1.1	2	0.4
	Total	16,920	11	0.7	2	0.1	12,940	10	0.8	2	0.2
Birkenhead	Under 35	13,150	30	2.3	-	0.0	16,360	63	3.9	-	0.0
	35 and over	7,640	48	6.3	60	7.9	5,980	22	3.7	4	0.7
	Total	20,790	78	3.8	60	2.9	22,340	85	3.8	4	0.2
Birmingham	Under 35	81,940	362	4.4	5	0.1	83,940	325	3.9	2	0.0
	35 and over	66,940	501	7.5	431	6.4	45,980	139	3.0	37	0.8
	Total	148,970	863	5.8	436	2.9	129,810	464	3.6	39	0.3
Blackburn	Under 35	7,770	6	0.8	-	0.0	8,040	16	2.0	-	0.0
	35 and over	7,160	19	2.7	8	1.1	6,010	4	0.7	-	0.0
	Total	14,930	25	1.7	8	0.5	14,050	20	1.4	-	0.0
Blackpool	Under 35	6,760	6	0.9	-	0.0	6,410	2	0.3	-	0.0
	35 and over	7,900	3	0.4	5	0.6	4,770	2	0.4	-	0.0
	Total	14,690	9	0.6	5	0.3	11,180	4	0.4	-	0.0
Bolton	Under 35	12,980	8	0.6	-	0.0	10,460	19	1.8	-	0.0
	35 and over	11,610	19	1.6	18	1.5	10,470	10	1.0	3	0.3
	Total	24,590	27	1.1	18	0.7	20,930	29	1.4	3	0.1
Bootle	Under 35	8,810	40	4.5	1	0.1	10,050	54	5.4	-	0.0
	35 and over	3,670	52	14.2	38	10.4	4,680	15	3.2	6	1.3
	Total	12,480	92	7.4	39	3.1	14,730	69	4.7	6	0.4
Bournemouth	Under 35	8,420	7	0.8	-	0.0	7,330	6	0.8	1	0.1
	35 and over	7,560	7	0.9	8	1.1	6,780	6	0.9	-	0.0
	Total	15,980	14	0.9	8	0.5	14,110	12	0.9	1	0.1
Bradford	Under 35	12,900	33	2.6	-	0.0	14,120	28	2.0	-	0.0
	35 and over	13,800	46	3.3	10	0.7	6,900	7	1.0	-	0.0
	Total	26,700	79	3.0	10	0.4	21,020	35	1.7	-	0.0

Table 8(a) - *continued*

Area	Age	Males: Number of examinations	Males: Number with active t.b.	Males: Rate	Males: Number with cancer of lung	Males: Rate	Females: Number of examinations	Females: Number with active t.b.	Females: Rate	Females: Number with cancer of lung	Females: Rate
County Boroughs - continued											
Brighton	Under 35	15,230	24	1.6	-	0.0	16,100	41	2.6	-	0.0
	35 and over	13,900	57	4.1	30	2.2	11,050	20	1.8	5	0.5
	Total	29,130	81	2.8	30	1.0	27,150	61	2.2	5	0.2
Bristol	Under 35	47,460	97	2.0	2	0.0	39,490	95	2.4	-	0.0
	35 and over	36,930	140	3.8	124	3.4	21,270	46	2.2	15	0.7
	Total	84,460	237	2.8	126	1.5	60,760	141	2.3	15	0.2
Burnley	Under 35	820	1	1.2	-	0.0	380	1	2.6	-	0.0
	35 and over	640	5	7.8	1	1.6	420	1	2.4	-	0.0
	Total	1,460	6	4.1	1	0.7	800	2	2.5	-	0.0
Burton upon Trent	Under 35	3,350	8	2.4	-	0.0	3,240	6	1.9	-	0.0
	35 and over	3,560	2	0.6	1	0.3	2,900	1	0.3	-	0.0
	Total	6,910	10	1.4	1	0.1	6,140	7	1.1	-	0.0
Bury	Under 35	3,930	3	0.8	-	0.0	3,330	5	1.5	-	0.0
	35 and over	3,790	7	1.8	1	0.3	3,070	2	0.7	-	0.0
	Total	7,720	10	1.3	1	0.1	6,400	7	1.1	-	0.0
Canterbury	Under 35	1,900	3	1.6	-	0.0	1,910	2	1.0	-	0.0
	35 and over	1,440	3	2.1	2	1.4	1,670	1	0.6	-	0.0
	Total	3,340	6	1.8	2	0.6	3,580	3	0.8	-	0.0
Carlisle	Under 35	11,030	7	0.6	1	0.1	14,330	18	1.3	-	0.0
	35 and over	10,060	26	2.6	10	1.0	8,600	6	0.7	3	0.3
	Total	21,090	33	1.6	11	0.5	22,930	24	1.0	3	0.1
Chester	Under 35	6,530	14	2.1	-	0.0	4,230	7	1.7	-	0.0
	35 and over	4,160	7	1.7	4	1.0	1,480	-	0.0	-	0.0
	Total	10,690	21	2.0	4	0.4	5,710	7	1.2	-	0.0
Coventry	Under 35	23,210	51	2.2	-	0.0	20,530	44	2.1	-	0.0
	35 and over	22,180	45	2.0	23	1.0	10,670	13	1.2	2	0.2
	Total	45,430	96	2.1	23	0.5	31,200	57	1.8	2	0.1
Croydon	Under 35	19,030	29	1.5	-	0.0	17,580	20	1.1	-	0.0
	35 and over	20,430	48	2.3	33	1.6	17,620	10	0.6	3	0.2
	Total	39,460	77	2.0	33	0.8	35,200	30	0.9	3	0.1
Darlington	Under 35	8,790	11	1.3	-	0.0	10,850	24	2.2	-	0.0
	35 and over	7,410	17	2.3	25	3.4	5,130	8	1.6	-	0.0
	Total	16,210	28	1.7	25	1.5	15,990	32	2.0	-	0.0
Derby	Under 35	13,740	9	0.7	-	0.0	11,210	2	0.2	-	0.0
	35 and over	10,190	15	1.5	6	0.6	3,700	1	0.3	-	0.0
	Total	23,930	24	1.0	6	0.3	14,910	3	0.2	-	0.0
Dewsbury	Under 35	1,820	-	0.0	-	0.0	1,260	2	1.6	-	0.0
	35 and over	1,460	2	1.4	-	0.0	1,090	-	0.0	-	0.0
	Total	3,280	2	0.6	-	0.0	2,350	2	0.9	-	0.0
Doncaster	Under 35	10,800	18	1.7	1	0.1	8,960	16	1.8	1	0.1
	35 and over	12,110	20	1.7	10	0.8	5,970	4	0.7	2	0.3
	Total	22,910	38	1.7	11	0.5	14,930	20	1.3	3	0.2
Dudley	Under 35	7,030	11	1.6	-	0.0	7,330	24	3.3	-	0.0
	35 and over	4,730	23	4.9	14	3.0	3,570	7	2.0	-	0.0
	Total	11,760	34	2.9	14	1.2	10,910	31	2.8	-	0.0
Eastbourne	Under 35	3,550	4	1.1	-	0.0	4,470	6	1.3	-	0.0
	35 and over	3,470	7	2.0	3	0.9	3,760	4	1.1	1	0.3
	Total	7,020	11	1.6	3	0.4	8,230	10	1.2	1	0.1
East Ham	Under 35	7,870	7	0.9	-	0.0	7,100	11	1.5	-	0.0
	35 and over	7,620	18	2.4	9	1.2	6,940	4	0.6	-	0.0
	Total	15,490	25	1.6	9	0.6	14,040	15	1.1	-	0.0
Exeter	Under 35	11,600	14	1.2	-	0.0	11,350	13	1.1	-	0.0
	35 and over	5,990	10	1.7	9	1.5	3,970	6	1.5	3	0.8
	Total	17,590	24	1.4	9	0.5	15,320	19	1.2	3	0.2
Gateshead	Under 35	13,400	38	2.8	1	0.1	12,510	51	4.1	-	0.0
	35 and over	10,480	51	4.9	21	2.0	9,000	20	2.2	2	0.2
	Total	23,880	89	3.7	22	0.9	21,510	71	3.3	2	0.1
Gloucester	Under 35	9,990	18	1.8	-	0.0	10,670	17	1.6	-	0.0
	35 and over	8,810	14	1.6	14	1.6	5,000	7	1.4	-	0.0
	Total	18,800	32	1.7	14	0.8	15,770	24	1.5	-	0.0
Great Yarmouth	Under 35	2,950	5	1.7	-	0.0	2,720	5	1.8	-	0.0
	35 and over	2,070	5	2.4	2	1.0	1,500	-	0.0	1	0.7
	Total	5,020	10	2.0	2	0.4	4,220	5	1.2	1	0.2

Table 8(a) – *continued*

Area	Age	Males: Number of examinations	Males: Number with active t.b.	Males: Rate	Males: Number with cancer of lung	Males: Rate	Females: Number of examinations	Females: Number with active t.b.	Females: Rate	Females: Number with cancer of lung	Females: Rate
County Boroughs – continued											
Grimsby	Under 35	4,420	2	0.5	–	0.0	3,810	5	1.3	–	0.0
	35 and over	1,920	3	1.6	1	0.5	610	1	1.1	–	0.0
	Total	6,340	5	0.8	1	0.2	4,720	6	1.3	–	0.0
Halifax	Under 35	3,330	10	3.0	–	0.0	2,640	5	1.9	–	0.0
	35 and over	4,700	18	3.8	6	1.3	2,830	5	1.8	–	0.0
	Total	8,030	28	3.5	6	0.7	5,470	10	1.8	–	0.0
Hastings	Under 35	1,840	1	0.6	–	0.0	1,660	3	1.8	–	0.0
	35 and over	2,120	3	1.4	3	1.4	2,260	–	0.0	1	0.4
	Total	3,960	4	1.0	3	0.8	4,260	3	0.7	1	0.2
Huddersfield	Under 35	5,720	7	1.2	–	0.0	3,800	8	2.1	–	0.0
	35 and over	6,510	13	2.0	4	0.6	2,980	–	0.0	1	0.3
	Total	12,230	20	1.6	4	0.3	6,780	8	1.2	1	0.1
Ipswich	Under 35	6,600	4	0.6	–	0.0	5,390	2	0.4	–	0.0
	35 and over	7,150	4	0.6	1	0.1	2,510	1	0.4	–	0.0
	Total	13,750	8	0.6	1	0.1	7,900	3	0.4	–	0.0
Kingston upon Hull	Under 35	18,880	40	2.1	1	0.1	24,150	73	3.0	1	0.0
	35 and over	18,360	51	2.8	50	2.7	10,820	21	1.9	4	0.4
	Total	37,240	91	2.4	51	1.4	34,970	94	2.7	5	0.1
Leeds	Under 35	20,360	25	1.2	1	0.0	27,510	36	1.4	–	0.0
	35 and over	15,640	18	1.3	13	1.0	12,470	8	0.6	2	0.2
	Total	34,000	43	1.3	14	0.4	39,980	48	1.2	2	0.1
Leicester	Under 35	26,190	45	1.7	–	0.0	25,670	32	1.2	–	0.0
	35 and over	16,530	51	3.1	14	0.8	12,150	10	0.8	3	0.2
	Total	42,720	96	2.2	14	0.3	37,820	42	1.1	3	0.1
Lincoln	Under 35	4,730	7	1.5	–	0.0	4,150	6	1.4	–	0.0
	35 and over	4,780	9	1.9	7	1.5	2,660	6	2.3	1	0.4
	Total	9,510	16	1.7	7	0.7	5,830	12	1.8	1	0.1
Liverpool	Under 35	71,400	236	3.3	4	0.1	67,460	316	4.7	2	0.0
	35 and over	35,600	285	7.9	248	7.0	25,400	96	3.8	28	1.1
	Total	107,000	521	4.9	252	2.4	92,860	412	4.4	30	0.3
Manchester	Under 35	35,490	72	2.0	1	0.0	24,060	62	2.6	–	0.0
	35 and over	27,990	70	2.5	59	2.1	19,810	17	0.9	6	0.3
	Total	63,480	142	2.2	60	0.9	43,870	79	1.8	6	0.2
Middlesbrough	Under 35	2,300	6	2.6	–	0.0	2,030	2	1.0	–	0.0
	35 and over	1,540	4	2.6	1	0.6	780	4	5.1	–	0.0
	Total	3,840	10	2.6	1	0.3	2,810	6	2.1	–	0.0
Newcastle upon Tyne	Under 35	22,580	96	4.3	–	0.0	25,990	120	4.6	–	0.0
	35 and over	22,320	119	5.3	90	4.0	13,370	37	2.8	6	0.4
	Total	44,920	215	4.8	90	2.0	39,380	157	4.0	6	0.2
Northampton	Under 35	7,420	13	1.8	–	0.0	6,730	10	1.5	–	0.0
	35 and over	11,120	19	1.7	13	1.2	5,860	6	1.0	1	0.2
	Total	18,540	32	1.7	13	0.7	12,590	16	1.3	1	0.1
Norwich	Under 35	11,530	14	1.2	–	0.0	10,390	12	1.2	–	0.0
	35 and over	11,410	8	0.7	3	0.3	6,630	2	0.3	1	0.2
	Total	22,940	22	1.0	3	0.1	17,020	14	0.8	1	0.1
Nottingham	Under 35	34,560	95	2.7	1	0.0	40,940	110	2.7	–	0.0
	35 and over	19,030	139	7.3	99	5.2	14,900	61	4.1	15	1.0
	Total	53,590	235	4.4	100	1.8	55,840	171	3.1	15	0.3
Oldham	Under 35	8,660	10	1.2	–	0.0	8,780	11	1.3	–	0.0
	35 and over	9,620	20	2.1	11	1.2	8,810	3	0.3	1	0.1
	Total	18,210	30	1.6	11	0.6	17,590	14	0.8	1	0.1
Oxford	Under 35	7,270	11	1.5	–	0.0	5,480	9	1.6	–	0.0
	35 and over	8,630	18	2.1	7	0.8	3,520	2	0.6	–	0.0
	Total	15,900	29	1.8	7	0.4	9,000	11	1.2	–	0.0
Plymouth	Under 35	17,810	33	1.9	–	0.0	21,410	46	2.1	–	0.0
	35 and over	14,460	29	2.0	24	1.7	9,210	11	1.2	1	0.1
	Total	32,270	62	1.9	24	0.7	30,630	57	1.9	1	0.0
Portsmouth	Under 35	22,020	27	1.2	–	0.0	22,040	33	1.5	–	0.0
	35 and over	24,710	37	1.5	36	1.5	12,240	12	1.0	2	0.2
	Total	46,730	64	1.4	36	0.8	34,280	45	1.3	2	0.1
Preston	Under 35	7,840	10	1.3	–	0.0	8,420	14	1.7	–	0.0
	35 and over	8,690	18	1.8	12	1.4	5,940	4	0.7	3	0.5
	Total	16,240	28	1.6	12	0.7	14,360	18	1.3	3	0.2

Table 8(a) - *continued*

Area	Age	Males					Females				
		Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate	Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate
County Boroughs – continued											
Reading	Under 35	14,690	20	1.4	-	0.0	13,740	21	1.5	-	0.0
	35 and over	13,660	19	1.4	9	0.7	10,220	7	0.7	-	0.0
	Total	28,350	39	1.4	9	0.3	23,960	28	1.2	-	0.0
Rochdale	Under 35	6,050	4	0.7	-	0.0	5,460	6	1.1	-	0.0
	35 and over	6,910	6	0.9	8	0.9	6,040	4	0.7	1	0.2
	Total	12,960	10	0.8	8	0.5	11,500	10	0.9	1	0.1
Rotherham	Under 35	8,840	11	1.2	-	0.0	8,360	15	1.8	-	0.0
	35 and over	8,890	26	2.9	19	2.1	4,900	5	1.0	-	0.0
	Total	17,730	37	2.1	19	1.1	13,260	20	1.5	-	0.0
St. Helens	Under 35	9,590	7	0.7	-	0.0	7,030	18	2.6	-	0.0
	35 and over	4,150	14	3.4	2	0.5	1,770	4	2.3	-	0.0
	Total	13,740	21	1.5	2	0.1	8,800	22	2.5	-	0.0
Salford	Under 35	6,190	10	1.6	-	0.0	4,080	4	1.0	-	0.0
	35 and over	6,410	14	2.2	10	1.6	4,130	6	1.5	-	0.0
	Total	12,610	24	1.9	10	0.8	8,210	10	1.2	-	0.0
Sheffield	Under 35	44,500	114	2.6	4	0.1	46,630	150	3.1	-	0.0
	35 and over	48,330	248	5.1	175	3.6	26,330	59	2.3	11	0.4
	Total	92,830	362	3.9	179	1.9	72,960	209	2.9	11	0.2
Smethwick	Under 35	4,380	9	2.1	-	0.0	3,510	6	0.2	-	0.0
	35 and over	4,030	10	2.5	5	1.2	1,750	4	2.3	1	0.6
	Total	8,410	19	2.3	5	0.6	5,260	10	1.8	1	0.2
Southampton	Under 35	25,830	54	2.1	-	0.0	27,530	68	2.5	-	0.0
	35 and over	20,440	87	4.3	35	1.7	17,510	31	1.8	3	0.2
	Total	46,270	141	3.0	35	0.8	45,040	99	2.2	3	0.1
Southend-on-Sea	Under 35	5,520	8	1.4	-	0.0	4,370	9	2.1	-	0.0
	35 and over	7,410	5	0.7	9	1.2	4,250	2	0.5	-	0.0
	Total	12,930	13	1.0	9	0.7	8,620	11	1.3	-	0.0
Southport	Under 35	6,930	2	0.3	-	0.0	8,680	4	0.5	-	0.0
	35 and over	3,310	1	0.3	4	1.2	3,180	1	0.3	-	0.0
	Total	10,240	3	0.3	4	0.4	11,860	5	0.4	-	0.0
South Shields	Under 35	6,060	21	3.5	-	0.0	9,140	24	2.6	-	0.0
	35 and over	4,230	18	4.3	12	2.8	2,400	8	3.3	-	0.0
	Total	10,290	39	3.8	12	1.2	11,540	32	2.8	-	0.0
Stockport	Under 35	9,540	22	2.3	1	0.1	7,900	21	2.7	-	0.0
	35 and over	7,680	27	3.5	13	1.7	4,220	7	1.7	2	0.5
	Total	17,220	49	2.8	14	0.8	12,120	28	2.3	2	0.2
Stoke-on-Trent	Under 35	23,540	54	2.3	-	0.0	23,680	61	2.6	-	0.0
	35 and over	23,360	103	4.4	46	2.0	14,580	35	2.4	5	0.3
	Total	46,900	157	3.3	46	1.0	38,260	96	2.5	5	0.1
Sunderland	Under 35	10,890	26	2.3	-	0.0	14,590	67	4.6	-	0.0
	35 and over	5,880	32	5.4	11	1.9	3,800	13	3.4	-	0.0
	Total	16,770	57	3.4	11	0.7	18,390	80	4.4	-	0.0
Tynemouth	Under 35	6,580	6	0.9	-	0.0	5,490	6	1.1	-	0.0
	35 and over	4,550	8	1.8	7	1.5	2,900	4	1.4	3	1.0
	Total	11,130	14	1.3	7	0.6	8,390	10	1.2	3	0.4
Wakefield	Under 35	2,860	4	1.4	-	0.0	1,480	2	1.4	-	0.0
	35 and over	2,860	7	2.4	1	0.3	1,900	-	0.0	1	0.5
	Total	5,720	11	1.9	1	0.2	3,380	2	0.6	1	0.3
Wallasey	Under 35	7,810	4	0.5	-	0.0	9,950	11	1.1	-	0.0
	35 and over	4,120	10	2.4	6	1.5	3,060	1	0.3	2	0.7
	Total	11,930	14	1.2	6	0.5	13,010	12	0.9	2	0.2
Walsall	Under 35	7,440	42	5.6	-	0.0	5,650	42	7.4	-	0.0
	35 and over	5,570	48	8.6	31	5.6	2,750	13	4.7	1	0.4
	Total	13,010	90	6.9	31	2.4	8,400	55	6.5	1	0.1
Warrington	Under 35	7,060	17	2.4	-	0.0	5,410	27	5.0	-	0.0
	35 and over	4,500	25	5.6	14	3.1	2,170	11	5.1	-	0.0
	Total	11,560	42	3.6	14	1.2	7,580	38	5.0	-	0.0
West Bromwich	Under 35	6,460	17	2.6	1	0.2	4,910	12	2.4	-	0.0
	35 and over	4,980	16	3.2	11	2.2	2,460	1	0.4	-	0.0
	Total	11,440	33	2.9	12	1.0	7,370	13	1.8	-	0.0
West Ham	Under 35	11,340	12	1.1	-	0.0	11,390	20	1.8	-	0.0
	35 and over	8,450	35	4.1	11	1.3	6,200	7	1.1	1	0.2
	Total	19,790	47	2.4	11	0.6	17,590	27	1.5	1	0.1

Table 6(e) - *continued*

Area	Age	Males					Females				
		Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate	Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate
County Boroughs - continued											
West Hartlepool	Under 35	2,750	3	1.1	-	0.0	3,860	11	2.8	-	0.0
	35 and over	2,600	5	1.9	6	2.3	1,900	1	0.5	-	0.0
	Total	5,360	8	1.5	6	1.1	5,760	12	2.1	-	0.0
Wigan	Under 35	2,900	3	1.0	-	0.0	1,260	4	3.1	-	0.0
	35 and over	1,270	2	1.6	-	0.0	600	-	0.0	-	0.0
	Total	4,170	5	1.2	-	0.0	1,860	4	2.1	-	0.0
Wolverhampton	Under 35	15,440	72	4.7	1	0.1	17,030	101	5.9	-	0.0
	35 and over	11,270	63	5.6	47	4.2	7,660	14	1.8	6	0.8
	Total	26,750	135	5.0	48	1.8	24,690	115	4.7	6	0.2
Worcester	Under 35	5,140	7	1.4	-	0.0	4,200	6	1.4	-	0.0
	35 and over	3,510	3	0.9	-	0.0	2,520	-	0.0	1	0.4
	Total	8,650	10	1.2	-	0.0	6,730	6	0.9	1	0.1
York	Under 35	6,050	3	0.5	-	0.0	5,660	3	0.5	-	0.0
	35 and over	7,120	5	0.7	3	0.4	4,260	1	0.2	-	0.0
	Total	13,170	8	0.6	3	0.2	9,920	4	0.4	-	0.0
Cardiff	Under 35	25,460	31	1.2	-	0.0	19,720	29	1.5	-	0.0
	35 and over	20,410	39	1.9	6	0.3	8,120	11	1.4	-	0.0
	Total	45,870	70	1.5	6	0.1	27,850	40	1.4	-	0.0
Merthyr Tydfil	Under 35	6,710	8	1.2	-	0.0	6,190	15	2.4	-	0.0
	35 and over	5,500	7	1.3	2	0.4	2,820	7	2.5	-	0.0
	Total	12,210	15	1.2	2	0.2	9,010	22	2.4	-	0.0
Newport (Mon.)	Under 35	9,060	18	2.0	1	0.1	8,500	13	1.5	-	0.0
	35 and over	8,760	18	2.1	14	1.6	4,450	4	0.9	1	0.2
	Total	17,820	36	2.0	15	0.8	12,950	17	1.3	1	0.1
Swansea	Under 35	16,850	38	2.3	1	0.1	23,380	57	2.4	-	0.0
	35 and over	11,320	38	3.4	39	3.4	9,290	17	1.8	2	0.2
	Total	28,170	76	2.7	40	1.4	32,670	74	2.3	2	0.1
Administrative Counties											
Bedfordshire	Under 35	17,660	26	1.5	-	0.0	14,600	19	1.3	-	0.0
	35 and over	20,730	30	1.4	13	0.6	9,440	6	0.6	1	0.1
	Total	38,390	56	1.5	13	0.3	24,040	25	1.0	1	0.0
Berkshire	Under 35	26,330	20	0.8	-	0.0	21,680	19	0.9	-	0.0
	35 and over	21,470	40	1.9	11	0.5	15,600	13	0.8	1	0.1
	Total	47,800	60	1.3	11	0.2	37,280	32	0.9	1	0.0
Buckinghamshire	Under 35	26,610	24	0.9	1	0.0	21,680	22	1.0	-	0.0
	35 and over	26,530	30	1.1	11	0.4	15,210	5	0.3	1	0.1
	Total	53,170	54	1.0	12	0.2	36,900	27	0.7	1	0.0
Cambridgeshire	Under 35	22,000	29	1.3	1	0.0	15,690	24	1.5	-	0.0
	35 and over	12,400	18	1.5	6	0.5	6,330	6	0.9	1	0.2
	Total	34,450	47	1.4	7	0.2	22,020	30	1.4	1	0.0
Cheshire	Under 35	53,660	73	1.4	-	0.0	41,490	58	1.4	1	0.0
	35 and over	47,710	88	1.8	39	0.8	26,250	27	1.0	9	0.3
	Total	101,390	161	1.6	39	0.4	67,770	85	1.3	10	0.1
Cornwall	Under 35	18,400	23	1.3	-	0.0	18,460	33	1.8	1	0.1
	35 and over	11,520	30	2.6	10	0.9	10,260	19	1.9	2	0.2
	Total	29,920	53	1.8	10	0.3	28,720	52	1.8	3	0.1
Cumberland	Under 35	27,610	24	0.9	-	0.0	32,350	52	1.6	-	0.0
	35 and over	18,590	32	1.7	7	0.4	15,430	27	1.7	1	0.1
	Total	46,200	56	1.2	7	0.2	47,780	79	1.7	1	0.0
Derbyshire	Under 35	49,300	46	0.9	-	0.0	38,080	38	1.0	-	0.0
	35 and over	43,740	56	1.3	38	0.9	20,720	20	1.0	3	0.1
	Total	93,050	102	1.1	38	0.4	58,810	58	1.0	3	0.1
Devon	Under 35	31,840	33	1.0	1	0.0	32,510	41	1.3	-	0.0
	35 and over	26,800	45	1.7	23	0.9	23,170	25	1.1	4	0.2
	Total	58,650	78	1.3	24	0.4	55,680	66	1.2	4	0.1
Dorset	Under 35	19,690	13	0.7	-	0.0	18,910	25	1.3	-	0.0
	35 and over	15,120	21	1.4	14	0.9	14,960	8	0.5	3	0.2
	Total	34,810	34	1.0	14	0.4	33,870	33	1.0	3	0.1
Durham	Under 35	57,360	87	1.6	2	0.0	62,550	142	2.3	-	0.0
	35 and over	48,260	96	2.0	66	1.4	28,290	29	1.0	8	0.3
	Total	105,650	183	1.7	68	0.6	90,850	171	1.9	8	0.1
Ely, Isle of	Under 35	8,300	12	1.4	-	0.0	7,560	14	1.9	-	0.0
	35 and over	5,020	11	2.2	4	0.8	3,950	4	1.0	-	0.0
	Total	13,320	23	1.7	4	0.3	11,510	18	1.6	-	0.0

Table 8(a) - *continued*

Area	Age	Males					Females				
		Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate	Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate
Administrative Counties - continued											
Essex	Under 35	100,950	93	0.9	1	0.0	85,560	75	0.9	-	0.0
	35 and over	92,720	127	1.4	86	0.9	57,800	39	0.7	14	0.2
	Total	193,670	220	1.1	87	0.4	143,360	114	0.8	14	0.1
Gloucestershire	Under 35	44,940	35	0.8	1	0.0	37,880	39	1.0	2	0.1
	35 and over	33,790	57	1.7	34	1.0	19,110	15	0.8	3	0.2
	Total	78,730	92	1.2	35	0.4	56,990	54	0.9	5	0.1
Herefordshire	Under 35	5,300	5	0.9	-	0.0	4,720	4	0.8	-	0.0
	35 and over	4,860	9	1.9	3	0.6	4,070	7	1.7	1	0.2
	Total	10,160	14	1.4	3	0.3	8,810	11	1.2	1	0.1
Hertfordshire	Under 35	47,270	55	1.2	-	0.0	34,410	40	1.2	-	0.0
	35 and over	46,490	87	1.9	29	0.6	27,070	30	1.1	2	0.1
	Total	93,760	142	1.5	29	0.3	61,500	70	1.1	2	0.0
Huntingdonshire	Under 35	4,570	8	1.8	-	0.0	3,510	6	1.7	-	0.0
	35 and over	3,760	7	1.9	2	0.5	1,920	2	1.0	-	0.0
	Total	8,330	15	1.8	2	0.2	5,440	8	1.5	-	0.0
Kent	Under 35	143,220	250	1.7	1	0.0	125,630	203	1.6	-	0.0
	35 and over	119,670	379	3.2	98	0.8	90,850	174	1.9	15	0.2
	Total	262,980	629	2.4	99	0.4	216,480	377	1.7	15	0.1
Lancashire	Under 35	124,080	143	1.2	1	0.0	106,360	196	1.8	-	0.0
	35 and over	111,590	217	1.9	108	1.0	77,590	62	0.8	16	0.2
	Total	235,670	360	1.5	109	0.5	184,000	258	1.4	16	0.1
Leicestershire	Under 35	25,090	26	1.0	-	0.0	17,790	15	0.8	-	0.0
	35 and over	16,730	22	1.3	14	0.8	9,740	7	0.7	-	0.0
	Total	41,820	48	1.1	14	0.3	27,530	22	0.8	-	0.0
Lincolnshire (Parts of Holland)	Under 35	5,130	2	0.4	-	0.0	4,440	-	0.0	-	0.0
	35 and over	1,420	-	0.0	-	0.0	970	-	0.0	-	0.0
	Total	6,550	2	0.3	-	0.0	5,410	-	0.0	-	0.0
Lincolnshire (Parts of Kesteven)	Under 35	10,240	13	1.3	-	0.0	8,920	11	1.2	-	0.0
	35 and over	7,580	20	2.6	2	0.3	6,070	7	1.2	1	0.2
	Total	17,820	33	1.9	2	0.1	14,990	18	1.2	1	0.1
Lincolnshire (Parts of Lindsey)	Under 35	18,190	13	0.7	-	0.0	12,490	11	0.9	-	0.0
	35 and over	13,550	14	1.0	13	1.0	6,010	2	0.3	1	0.2
	Total	31,740	27	0.9	13	0.4	18,500	13	0.7	1	0.1
London A.C.	Under 35	246,430	595	2.4	3	0.0	237,680	589	2.5	2	0.0
	35 and over	192,100	988	5.1	518	2.7	147,880	313	2.1	86	0.6
	Total	438,530	1,584	3.6	521	1.2	385,560	903	2.3	88	0.2
Middlesex	Under 35	167,350	173	1.1	2	0.0	139,770	220	1.6	-	0.0
	35 and over	146,330	317	2.1	256	1.7	107,960	97	0.9	25	0.2
	Total	308,740	491	1.6	258	0.8	246,850	317	1.3	25	0.1
Norfolk	Under 35	18,720	8	0.4	-	0.0	16,290	23	1.4	-	0.0
	35 and over	14,920	18	1.2	5	0.3	9,700	5	0.5	3	0.3
	Total	33,640	26	0.8	5	0.1	25,990	28	1.1	3	0.1
Northamptonshire	Under 35	25,230	24	1.0	-	0.0	18,390	24	1.3	-	0.0
	35 and over	26,530	48	1.8	20	0.8	15,480	7	0.5	-	0.0
	Total	51,770	72	1.4	20	0.4	33,860	31	0.9	-	0.0
Northumberland	Under 35	39,270	41	1.0	1	0.0	38,760	64	1.7	2	0.1
	35 and over	29,860	47	1.6	39	1.3	24,600	26	1.1	5	0.2
	Total	69,130	88	1.3	40	0.6	63,360	90	1.4	7	0.1
Nottinghamshire	Under 35	47,130	65	1.4	-	0.0	46,100	96	2.1	1	0.0
	35 and over	30,490	86	2.8	59	1.9	18,440	33	1.8	12	0.7
	Total	77,620	151	1.9	59	0.8	64,540	129	2.0	13	0.2
Oxfordshire	Under 35	17,340	18	1.0	-	0.0	10,460	16	1.5	-	0.0
	35 and over	13,210	28	2.1	13	1.0	7,790	14	1.8	1	0.1
	Total	30,560	46	1.5	13	0.4	18,250	30	1.6	1	0.1
Peterborough, Soke of	Under 35	4,320	9	2.1	-	0.0	2,450	4	1.6	-	0.0
	35 and over	5,380	8	1.5	2	0.4	1,570	1	0.6	-	0.0
	Total	9,700	18	1.9	2	0.2	4,020	5	1.2	-	0.0
Rutland	Under 35	3,390	2	0.6	-	0.0	1,730	-	0.0	-	0.0
	35 and over	990	2	2.0	-	0.0	950	1	1.1	-	0.0
	Total	4,380	4	0.9	-	0.0	2,680	1	0.4	-	0.0
Shropshire	Under 35	12,890	13	1.0	-	0.0	9,280	14	1.5	-	0.0
	35 and over	7,860	11	1.4	8	1.0	5,170	9	1.3	1	0.2
	Total	20,970	24	1.1	8	0.4	14,440	22	1.4	1	0.1

Table 8(e) - *continued*

Area	Age	Males					Females				
		Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate	Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate
Administrative Counties - continued											
Somerset	Under 35	35,960	31	0.9	-	0.0	33,230	31	0.9	-	0.0
	35 and over	31,580	26	0.8	25	0.8	23,580	18	0.8	3	0.1
	Total	67,530	57	0.8	25	0.4	56,810	49	0.9	3	0.1
Southampton	Under 35	49,900	62	1.2	1	0.0	47,590	75	1.6	1	0.0
	35 and over	46,290	106	2.3	67	1.4	34,560	35	1.0	4	0.1
	Total	96,210	168	1.7	68	0.7	82,160	110	1.3	5	0.1
Staffordshire	Under 35	68,880	153	2.2	2	0.0	62,170	190	3.1	-	0.0
	35 and over	56,660	184	3.3	108	1.9	35,320	70	2.0	6	0.2
	Total	125,540	337	2.7	110	0.9	97,490	260	2.7	6	0.1
Suffolk, East	Under 35	11,980	10	0.8	1	0.1	10,250	10	1.0	-	0.0
	35 and over	10,720	10	0.9	6	0.6	8,180	3	0.4	2	0.2
	Total	22,700	20	0.9	7	0.3	18,430	13	0.7	2	0.1
Suffolk, West	Under 35	6,090	1	0.2	-	0.0	5,400	2	0.4	-	0.0
	35 and over	4,720	3	0.6	4	0.8	3,090	4	1.3	-	0.0
	Total	10,810	4	0.4	4	0.4	8,490	6	0.7	-	0.0
Surrey	Under 35	93,940	128	1.4	2	0.0	80,690	110	1.4	-	0.0
	35 and over	109,700	176	1.6	129	1.2	78,970	55	0.7	16	0.2
	Total	203,640	304	1.5	131	0.6	159,660	165	1.0	16	0.1
Sussex, East	Under 35	18,490	21	1.1	1	0.1	17,270	24	1.4	-	0.0
	35 and over	16,430	41	2.5	22	1.3	14,220	23	1.6	3	0.2
	Total	34,930	62	1.8	23	0.7	31,490	47	1.5	3	0.1
Sussex, West	Under 35	16,520	16	1.0	1	0.1	15,000	16	1.1	-	0.0
	35 and over	16,460	31	1.9	17	1.0	15,690	10	0.6	3	0.2
	Total	32,980	47	1.4	18	0.5	30,690	26	0.8	3	0.1
Warwickshire	Under 35	35,100	61	1.7	-	0.0	25,600	54	2.1	-	0.0
	35 and over	32,460	51	1.6	53	1.6	14,370	18	1.3	3	0.2
	Total	67,560	112	1.7	53	0.8	39,960	72	1.8	3	0.1
Westmorland	Under 35	3,960	1	0.3	-	0.0	4,240	3	0.7	1	0.2
	35 and over	3,220	4	1.2	2	0.6	2,680	3	1.1	1	0.4
	Total	7,190	5	0.7	2	0.3	6,920	6	0.9	2	0.3
Wight, Isle of	Under 35	4,250	3	0.7	-	0.0	2,570	5	1.9	-	0.0
	35 and over	4,990	6	1.2	6	1.2	3,890	2	0.5	2	0.5
	Total	9,240	9	1.0	6	0.6	6,460	7	1.1	2	0.3
Wiltshire	Under 35	30,770	27	0.9	-	0.0	27,440	27	1.0	-	0.0
	35 and over	27,140	47	1.7	17	0.6	17,390	14	0.8	2	0.1
	Total	57,910	74	1.3	17	0.3	44,830	41	0.9	2	0.0
Worcestershire	Under 35	27,640	33	1.2	1	0.0	22,340	36	1.6	1	0.0
	35 and over	20,390	40	2.0	31	1.5	18,160	9	0.5	1	0.1
	Total	48,030	73	1.5	32	0.7	40,510	45	1.1	2	0.0
Yorkshire, East Riding	Under 35	9,610	13	1.4	-	0.0	9,430	28	3.0	-	0.0
	35 and over	11,680	9	0.8	6	0.5	8,620	5	0.6	4	0.5
	Total	21,290	22	1.0	6	0.3	18,050	33	1.8	4	0.2
Yorkshire, North Riding	Under 35	13,050	8	0.6	-	0.0	14,790	10	0.7	-	0.0
	35 and over	12,280	20	1.6	13	1.1	10,130	7	0.7	-	0.0
	Total	25,330	28	1.1	13	0.5	24,930	17	0.7	-	0.0
Yorkshire, West Riding	Under 35	68,660	110	1.6	-	0.0	61,030	90	1.5	1	0.0
	35 and over	77,470	151	1.9	78	1.0	46,890	46	1.0	3	0.1
	Total	146,140	261	1.8	78	0.5	107,930	136	1.3	4	0.0
Anglesey	Under 35	4,900	8	1.6	-	0.0	4,080	4	1.0	-	0.0
	35 and over	1,720	6	3.5	2	1.2	2,030	1	0.5	1	0.5
	Total	6,620	14	2.1	2	0.3	6,110	5	0.8	1	0.2
Brecknockshire	Under 35	4,180	4	1.0	-	0.0	4,600	6	1.3	-	0.0
	35 and over	3,120	4	1.3	4	1.3	2,360	2	0.8	-	0.0
	Total	7,300	8	1.1	4	0.5	6,960	8	1.1	-	0.0
Caernarvonshire	Under 35	11,160	13	1.2	-	0.0	11,260	15	1.3	-	0.0
	35 and over	7,970	9	1.1	8	1.0	8,120	5	0.6	1	0.1
	Total	19,130	22	1.2	8	0.4	19,380	20	1.0	1	0.1
Cardiganshire	Under 35	4,650	6	1.3	-	0.0	3,270	7	2.1	-	0.0
	35 and over	1,400	2	1.4	1	0.7	1,150	2	1.7	-	0.0
	Total	6,050	8	1.3	1	0.2	4,420	9	2.0	-	0.0
Carmarthenshire	Under 35	13,770	26	1.9	-	0.0	11,860	34	2.9	-	0.0
	35 and over	11,890	23	1.9	11	0.9	8,810	13	1.5	2	0.2
	Total	25,660	49	1.9	11	0.4	20,670	47	2.3	2	0.1

Area	Age	Males					Females				
		Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate	Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate
Administrative Counties - continued											
Denbighshire	Under 35	12,860	8	0.6	-	0.0	13,270	14	1.1	-	0.0
	35 and over	11,730	19	1.6	10	0.9	9,070	8	0.9	1	0.1
	Total	24,590	27	1.1	10	0.4	22,340	22	1.0	1	0.0
Flintshire	Under 35	10,940	9	0.8	-	0.0	9,370	11	1.2	-	0.0
	35 and over	9,340	18	1.9	3	0.3	5,550	2	0.4	-	0.0
	Total	20,280	27	1.3	3	0.1	14,920	13	0.9	-	0.0
Glamorganshire	Under 35	53,340	65	1.2	-	0.0	55,230	96	1.7	-	0.0
	35 and over	45,910	69	1.5	32	0.7	30,040	27	0.9	1	0.0
	Total	99,280	134	1.3	32	0.3	85,280	123	1.4	1	0.0
Merionethshire	Under 35	2,880	3	1.0	-	0.0	2,940	4	1.4	-	0.0
	35 and over	1,830	7	3.8	1	0.5	2,160	1	0.5	-	0.0
	Total	4,710	10	2.1	1	0.2	5,100	5	1.0	-	0.0
Monmouthshire	Under 35	28,730	23	0.8	1	0.0	24,690	28	1.1	-	0.0
	35 and over	24,940	32	1.3	7	0.3	12,310	12	1.0	-	0.0
	Total	53,670	55	1.0	8	0.1	37,000	40	1.1	-	0.0
Montgomeryshire	Under 35	2,870	2	0.7	-	0.0	3,220	2	0.6	-	0.0
	35 and over	2,160	3	1.4	2	1.0	2,110	-	0.0	-	0.0
	Total	5,030	5	1.0	2	0.4	5,330	2	0.4	-	0.0
Pembrokeshire	Under 35	5,260	3	0.6	-	0.0	5,110	5	1.0	-	0.0
	35 and over	2,870	3	1.0	2	0.7	2,580	2	0.8	-	0.0
	Total	8,130	6	0.7	2	0.2	7,690	7	0.9	-	0.0
Radnorshire	Under 35	870	-	0.0	-	0.0	830	1	1.2	-	0.0
	35 and over	710	3	4.2	-	0.0	850	-	0.0	-	0.0
	Total	1,380	3	2.2	-	0.0	1,680	1	0.6	-	0.0

Note. The total lines include any cases of "not stated" ages.

Table 8(b). Examinations and cases of active tuberculosis and cancer of lung discovered, by area of residence, sex and age, distinguishing those referred by general practitioners. Rates per 1,000 examinations

England and Wales, metropolitan and county boroughs, administrative counties

General Practitioner referrals

Note. For definitions, etc., see the General Notes.

Area	Age	Males					Females				
		Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate	Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate
England and Wales	Under 35	127,320	1,218	9.6	25	0.2	160,040	1,451	9.1	9	0.1
	35 and over	189,420	2,277	13.4	2,315	13.7	124,940	717	5.7	237	1.9
	Total	296,860	3,496	11.8	2,340	7.8	285,080	2,169	7.8	248	0.8
London A.C.	Under 35	20,090	169	8.4	1	0.0	25,130	180	7.2	2	0.1
	35 and over	28,870	299	11.6	308	11.9	23,070	118	5.1	53	2.3
	Total	45,960	468	10.2	309	6.7	48,220	298	6.2	58	1.1
City of London	Under 35	20	-	0.0	-	0.0	10	-	0.0	-	0.0
	35 and over	20	-	0.0	-	0.0	20	1	50.0	-	0.0
	Total	40	-	0.0	-	0.0	30	1	33.3	-	0.0
Battersea	Under 35	1,050	7	6.7	-	0.0	1,390	8	5.6	-	0.0
	35 and over	1,610	10	11.2	10	6.2	1,210	5	4.1	1	0.6
	Total	2,660	25	9.4	10	3.8	2,600	13	5.0	1	0.4
Bermondsey	Under 35	10	-	0.0	-	0.0	-	-	0.0	-	0.0
	35 and over	10	-	0.0	-	0.0	-	-	0.0	-	0.0
	Total	20	-	0.0	-	0.0	-	-	0.0	-	0.0
Bethnal Green	Under 35	100	1	10.0	-	0.0	120	-	0.0	-	0.0
	35 and over	100	1	10.0	1	10.0	100	-	0.0	-	0.0
	Total	200	2	10.0	1	5.0	220	-	0.0	-	0.0
Camberwell	Under 35	260	2	6.0	-	0.0	340	1	2.9	-	0.0
	35 and over	260	10	38.5	10	66.5	380	2	5.6	-	0.0
	Total	510	12	23.5	10	18.5	700	3	4.3	-	0.0
Chelsea	Under 35	230	1	4.3	-	0.0	310	-	0.0	1	3.2
	35 and over	80	2	25.0	1	12.5	210	3	14.3	2	9.5
	Total	310	3	9.7	1	3.2	520	3	5.8	3	5.8
Deptford	Under 35	60	1	16.7	-	0.0	70	-	0.0	-	0.0
	35 and over	60	2	33.3	-	0.0	70	-	0.0	-	0.0
	Total	120	3	25.0	-	0.0	140	-	0.0	-	0.0
Finsbury	Under 35	200	4	20.0	-	0.0	230	-	0.0	-	0.0
	35 and over	170	1	5.9	3	17.0	150	-	0.0	2	13.3
	Total	370	5	13.5	3	8.1	380	-	0.0	2	5.3
Fulham	Under 35	460	4	8.7	-	0.0	830	6	7.2	-	0.0
	35 and over	900	9	10.0	9	10.0	920	1	1.1	1	1.1
	Total	1,360	13	9.6	9	6.8	1,750	7	4.0	1	0.6
Greenwich	Under 35	10	-	0.0	-	0.0	40	-	0.0	-	0.0
	35 and over	30	2	66.7	-	0.0	20	2	100.0	-	0.0
	Total	40	2	50.0	-	0.0	60	2	33.3	-	0.0
Hackney	Under 35	480	4	8.3	-	0.0	520	1	1.9	-	0.0
	35 and over	650	5	7.7	6	9.2	390	1	2.6	2	5.1
	Total	1,130	9	8.0	6	5.3	910	2	2.2	2	2.2
Hammersmith	Under 35	230	-	0.0	-	0.0	280	3	10.7	-	0.0
	35 and over	280	2	7.1	1	3.6	180	2	11.1	-	0.0
	Total	510	2	3.9	1	2.0	460	5	10.9	-	0.0
Hampstead	Under 35	180	-	0.0	-	0.0	220	2	9.1	-	0.0
	35 and over	250	2	8.0	5	20.0	160	-	0.0	-	0.0
	Total	430	2	4.7	5	11.6	380	2	5.3	-	0.0
Holborn	Under 35	160	-	0.0	-	0.0	230	1	4.3	-	0.0
	35 and over	300	1	3.3	2	6.7	230	-	0.0	-	0.0
	Total	470	1	2.1	2	4.3	460	1	2.2	-	0.0
Islington	Under 35	5,070	43	8.5	-	0.0	5,850	52	8.9	-	0.0
	35 and over	6,280	77	12.3	92	14.6	5,650	40	7.1	16	2.8
	Total	11,360	120	10.6	92	8.1	11,480	92	8.0	16	1.4
Kensington	Under 35	670	5	7.5	-	0.0	580	6	10.3	-	0.0
	35 and over	360	5	13.9	3	8.3	380	-	0.0	1	2.6
	Total	1,030	10	9.7	3	2.9	960	6	6.3	1	1.0
Lambeth	Under 35	2,000	19	9.5	1	0.5	2,360	7	3.0	-	0.0
	35 and over	2,480	27	10.9	30	12.1	2,030	11	5.4	4	2.0
	Total	4,480	46	10.3	31	6.9	4,390	18	4.1	4	0.9
Lewisham	Under 35	90	-	0.0	-	0.0	190	2	10.5	-	0.0
	35 and over	110	2	18.2	2	18.2	70	1	14.3	1	14.3
	Total	200	2	10.0	2	10.0	260	3	11.5	1	3.8
Paddington	Under 35	50	1	20.0	-	0.0	90	-	0.0	-	0.0
	35 and over	160	2	12.5	1	6.3	60	-	0.0	-	0.0
	Total	210	3	14.3	1	4.8	150	-	0.0	-	0.0

Table 8(b) – *continued*

Area	Age	Males					Females				
		Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate	Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate
London A.C. – *continued*											
Poplar	Under 35	40	1	25.0	-	0.0	40	-	0.0	-	0.0
	35 and over	70	3	42.9	2	28.6	140	-	0.0	-	0.0
	Total	110	4	36.4	2	18.2	180	-	0.0	-	0.0
St. Marylebone	Under 35	110	-	0.0	-	0.0	80	1	12.5	-	0.0
	35 and over	110	-	0.0	1	9.1	130	-	0.0	1	7.7
	Total	220	-	0.0	1	4.5	210	1	4.8	1	4.8
St. Pancras	Under 35	2,100	15	7.1	-	0.0	2,030	22	10.8	-	0.0
	35 and over	2,450	28	11.4	18	7.3	1,940	7	3.6	4	2.1
	Total	4,550	43	9.5	18	4.0	3,980	29	7.3	4	1.0
Shoreditch	Under 35	210	-	0.0	-	0.0	270	2	7.4	-	0.0
	35 and over	230	2	8.7	3	13.0	180	1	5.6	-	0.0
	Total	440	2	4.5	3	6.8	450	3	6.7	-	0.0
Southwark	Under 35	60	1	16.7	-	0.0	70	1	14.3	-	0.0
	35 and over	30	1	33.3	-	0.0	20	-	0.0	-	0.0
	Total	90	2	22.2	-	0.0	90	1	11.1	-	0.0
Stepney	Under 35	120	4	33.3	-	0.0	120	3	25.0	-	0.0
	35 and over	170	2	11.8	1	5.9	70	-	0.0	-	0.0
	Total	290	6	20.7	1	3.4	190	3	15.8	-	0.0
Stoke Newington	Under 35	500	6	12.0	-	0.0	810	5	6.2	-	0.0
	35 and over	530	4	7.5	2	3.8	610	3	4.9	-	0.0
	Total	1,030	10	9.7	2	1.9	1,420	8	5.6	-	0.0
Wandsworth	Under 35	4,730	41	8.7	-	0.0	6,770	50	7.4	-	0.0
	35 and over	7,240	65	9.0	96	13.3	6,920	32	4.6	16	2.3
	Total	11,970	105	8.8	96	8.0	13,690	82	6.0	16	1.2
Westminster, City of	Under 35	770	9	11.8	-	0.0	1,090	6	5.5	1	0.9
	35 and over	820	20	24.4	6	7.3	740	3	4.1	-	0.0
	Total	1,590	29	18.2	6	3.8	1,830	9	4.9	1	0.5
Woolwich	Under 35	130	-	0.0	-	0.0	190	1	5.3	-	0.0
	35 and over	110	6	54.5	3	27.3	140	3	21.4	2	14.3
	Total	240	6	25.0	3	12.5	330	4	12.1	2	6.1
County Boroughs											
Barnsley	Under 35	10	-	0.0	-	0.0	10	-	0.0	-	0.0
	35 and over	10	-	0.0	1	100.0	20	-	0.0	-	0.0
	Total	20	-	0.0	1	50.0	30	-	0.0	-	0.0
Barrow-in-Furness	Under 35	-	-	-	-	-	-	-	-	-	-
	35 and over	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-	-
Bath	Under 35	-	-	-	-	-	-	-	-	-	-
	35 and over	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-	-
Birkenhead	Under 35	2,390	17	7.1	-	0.0	3,450	44	12.8	-	0.0
	35 and over	3,480	43	12.4	56	16.1	2,120	15	7.1	4	1.9
	Total	5,870	60	10.2	56	9.5	5,570	59	10.6	4	0.7
Birmingham	Under 35	14,310	234	16.4	4	0.3	17,070	201	11.8	1	0.1
	35 and over	22,440	423	18.9	397	17.7	14,120	99	7.0	32	2.3
	Total	36,750	657	17.9	401	10.9	31,190	300	9.6	33	1.1
Blackburn	Under 35	30	1	33.3	-	0.0	20	1	50.0	-	0.0
	35 and over	20	-	0.0	1	50.0	50	-	0.0	-	0.0
	Total	50	1	20.0	1	20.0	70	1	14.3	-	0.0
Blackpool	Under 35	-	-	-	-	-	-	-	-	-	-
	35 and over	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-	-
Bolton	Under 35	-	-	-	-	-	-	2	∞	-	-
	35 and over	10	2	200.0	5	500.0	-	3	∞	-	-
	Total	10	2	200.0	5	500.0	-	5	∞	-	-
Bootle	Under 35	1,760	13	7.4	1	0.6	2,890	30	10.4	-	0.0
	35 and over	1,190	36	30.3	30	25.2	780	5	6.4	3	3.8
	Total	2,950	49	16.6	31	10.5	3,670	35	9.5	3	0.8
Bournemouth	Under 35	30	-	0.0	-	0.0	40	-	0.0	-	0.0
	35 and over	10	-	0.0	-	0.0	50	1	20.0	-	0.0
	Total	40	-	0.0	-	0.0	90	1	11.1	-	0.0
Bradford	Under 35	10	-	0.0	-	0.0	-	-	-	-	-
	35 and over	10	-	0.0	-	0.0	-	-	-	-	-
	Total	20	-	0.0	-	0.0	-	-	-	-	-

Table 8(b) - *continued*

Area	Age	Males: Number of examinations	Males: Number with active t.b.	Males: Rate	Males: Number with cancer of lung	Males: Rate	Females: Number of examinations	Females: Number with active t.b.	Females: Rate	Females: Number with cancer of lung	Females: Rate
County Boroughs - continued											
Brighton	Under 35	140	1	7.1	-	0.0	180	-	0.0	-	0.0
	35 and over	490	9	18.4	9	18.4	340	3	8.8	2	5.9
	Total	630	10	15.8	9	14.3	520	3	5.8	2	3.8
Bristol	Under 35	5,880	54	9.2	2	0.3	7,440	54	7.3	-	0.0
	35 and over	7,250	105	14.5	103	14.2	6,160	30	4.9	14	2.3
	Total	13,130	159	12.1	105	8.0	13,600	84	6.2	14	1.0
Burnley	Under 35	-	-	-	-	-	10	-	0.0	-	0.0
	35 and over	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	10	-	0.0	-	0.0
Burton upon Trent	Under 35	-	-	-	-	-	10	-	0.0	-	0.0
	35 and over	10	-	0.0	-	0.0	-	-	-	-	-
	Total	10	-	0.0	-	0.0	10	-	0.0	-	0.0
Bury	Under 35	-	-	-	-	-	-	1	∞	-	-
	35 and over	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	1	∞	-	-
Canterbury	Under 35	10	-	0.0	-	0.0	10	-	0.0	-	0.0
	35 and over	20	-	0.0	-	0.0	-	-	-	-	-
	Total	30	-	0.0	-	0.0	10	-	0.0	-	0.0
Carlisle	Under 35	50	-	0.0	-	0.0	110	-	0.0	-	0.0
	35 and over	70	4	57.1	1	14.3	90	-	0.0	-	0.0
	Total	120	4	33.3	1	8.3	200	-	0.0	-	0.0
Chester	Under 35	40	1	25.0	-	0.0	30	-	0.0	-	0.0
	35 and over	-	-	-	-	-	50	-	0.0	-	0.0
	Total	40	1	25.0	-	0.0	80	-	0.0	-	0.0
Coventry	Under 35	390	4	10.3	-	0.0	890	10	11.2	-	0.0
	35 and over	570	5	8.8	8	14.0	1,690	4	2.4	-	0.0
	Total	960	9	9.4	8	8.3	2,580	14	5.4	-	0.0
Croydon	Under 35	230	3	13.0	-	0.0	240	1	4.2	-	0.0
	35 and over	440	5	11.4	4	9.1	250	2	8.0	-	0.0
	Total	670	8	11.9	4	6.0	490	3	6.1	-	0.0
Darlington	Under 35	270	2	7.4	-	0.0	240	4	16.7	-	0.0
	35 and over	400	2	5.0	9	22.5	360	1	2.8	-	0.0
	Total	670	4	6.0	9	13.4	600	5	8.3	-	0.0
Derby	Under 35	20	1	50.0	-	0.0	30	-	0.0	-	0.0
	35 and over	40	-	0.0	-	0.0	30	1	33.3	-	0.0
	Total	60	1	16.7	-	0.0	60	1	16.7	-	0.0
Dewsbury	Under 35	10	-	0.0	-	0.0	20	-	0.0	-	0.0
	35 and over	20	-	0.0	-	0.0	10	-	0.0	-	0.0
	Total	30	-	0.0	-	0.0	30	-	0.0	-	0.0
Doncaster	Under 35	-	-	-	-	-	10	-	0.0	-	0.0
	35 and over	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	10	-	0.0	-	0.0
Dudley	Under 35	730	6	8.2	-	0.0	1,100	14	12.7	-	0.0
	35 and over	970	13	13.4	12	12.4	810	4	4.9	-	0.0
	Total	1,700	19	11.2	12	7.1	1,910	18	9.4	-	0.0
Eastbourne	Under 35	-	-	-	-	-	-	-	-	-	-
	35 and over	-	-	-	-	-	20	-	0.0	-	0.0
	Total	-	-	-	-	-	20	-	0.0	-	0.0
East Ham	Under 35	100	-	0.0	-	0.0	140	1	7.1	-	0.0
	35 and over	210	-	0.0	-	0.0	120	-	0.0	-	0.0
	Total	310	-	0.0	-	0.0	260	1	3.8	-	0.0
Exeter	Under 35	280	1	3.6	-	0.0	490	-	0.0	-	0.0
	35 and over	340	3	8.8	4	11.8	370	1	2.7	1	2.7
	Total	620	4	6.5	4	6.5	860	1	1.2	1	1.2
Gateshead	Under 35	870	9	10.3	1	1.2	1,030	10	9.7	-	0.0
	35 and over	760	15	20.0	11	14.7	460	2	4.3	1	2.2
	Total	1,630	24	14.7	12	7.4	1,490	12	8.1	1	0.7
Gloucester	Under 35	230	3	13.4	-	0.0	230	5	21.7	-	0.0
	35 and over	560	2	3.6	1	1.8	230	-	0.0	-	0.0
	Total	800	5	6.3	1	1.3	460	5	10.9	-	0.0
Great Yarmouth	Under 35	-	-	-	-	-	-	-	-	-	-
	35 and over	10	-	0.0	-	0.0	-	-	-	-	-
	Total	10	-	0.0	-	0.0	-	-	-	-	-
Grimsby	Under 35	-	-	-	-	-	-	-	-	-	-
	35 and over	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-	-

Table 8(b) - *continued*

Area	Age	Males					Females				
		Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate	Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate
County Boroughs - continued											
Halifax	Under 35	-	-	-	-	-	10	-	0.0	-	0.0
	35 and over	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	10	-	0.0	-	0.0
Hastings	Under 35	-	-	-	-	-	-	-	-	-	-
	35 and over	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-	-
Huddersfield	Under 35	-	-	-	-	-	-	-	-	-	-
	35 and over	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-	-
Ipswich	Under 35	-	-	-	-	-	-	-	-	-	-
	35 and over	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-	-
Kingston upon Hull	Under 35	1,190	11	9.2	1	0.8	1,770	25	14.1	1	0.6
	35 and over	1,900	28	14.7	38	20.0	1,990	13	6.5	3	1.5
	Total	3,090	39	12.6	39	12.6	3,760	38	10.1	4	1.1
Leeds	Under 35	10	-	0.0	-	0.0	-	-	-	-	-
	35 and over	-	-	-	-	-	-	-	-	-	-
	Total	10	-	0.0	-	0.0	-	-	-	-	-
Leicester	Under 35	320	2	6.3	-	0.0	330	2	6.1	-	0.0
	35 and over	450	12	26.7	5	11.1	250	1	4.0	2	8.0
	Total	770	14	18.2	5	6.5	580	3	5.2	2	3.4
Lincoln	Under 35	10	-	0.0	-	0.0	10	-	0.0	-	0.0
	35 and over	60	-	0.0	-	0.0	10	1	100.0	-	0.0
	Total	70	-	0.0	-	0.0	20	1	50.0	-	0.0
Liverpool	Under 35	17,460	140	8.0	4	0.2	17,820	202	11.3	2	0.1
	35 and over	14,830	217	14.6	229	15.4	9,830	76	7.7	27	2.7
	Total	32,290	357	11.1	233	7.2	27,650	278	10.1	29	1.0
Manchester	Under 35	990	10	10.1	-	0.0	1,010	15	14.9	-	0.0
	35 and over	1,010	11	10.9	15	14.9	840	3	3.6	3	3.6
	Total	2,000	21	10.5	15	7.5	1,850	18	9.7	3	1.6
Middlesbrough	Under 35	100	-	0.0	-	0.0	70	-	0.0	-	0.0
	35 and over	150	1	6.7	1	6.7	80	1	12.5	-	0.0
	Total	250	1	4.0	1	4.0	150	1	6.7	-	0.0
Newcastle upon Tyne	Under 35	4,560	55	12.1	-	0.0	5,570	54	9.7	-	0.0
	35 and over	4,950	84	17.0	78	15.8	3,900	30	7.7	6	1.5
	Total	9,510	139	14.6	78	8.2	9,470	84	8.9	6	0.6
Northampton	Under 35	-	-	-	-	-	-	-	-	-	-
	35 and over	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-	-
Norwich	Under 35	-	-	-	-	-	10	-	0.0	-	0.0
	35 and over	10	-	0.0	-	0.0	-	-	-	-	-
	Total	10	-	0.0	-	0.0	10	-	0.0	-	0.0
Nottingham	Under 35	1,790	33	18.4	1	0.6	2,830	37	13.1	-	0.0
	35 and over	3,330	79	23.7	73	21.9	2,190	35	16.0	9	4.1
	Total	5,120	113	22.1	74	14.5	5,020	72	14.3	9	1.8
Oldham	Under 35	20	-	0.0	-	0.0	30	-	0.0	-	0.0
	35 and over	40	1	25.0	1	25.0	30	1	33.3	-	0.0
	Total	60	1	16.7	1	16.7	60	1	16.7	-	0.0
Oxford	Under 35	-	-	-	-	-	10	-	0.0	-	0.0
	35 and over	-	-	-	1	∞	-	-	-	-	-
	Total	-	-	-	1	∞	10	-	0.0	-	0.0
Plymouth	Under 35	430	1	2.3	-	0.0	1,050	8	7.6	-	0.0
	35 and over	420	6	14.3	6	14.3	570	1	1.8	-	0.0
	Total	850	7	8.2	6	7.1	1,620	9	5.6	-	0.0
Portsmouth	Under 35	710	5	7.0	-	0.0	1,130	3	2.7	-	0.0
	35 and over	1,250	15	12.0	20	16.0	1,010	3	3.0	1	1.0
	Total	1,960	20	10.2	20	10.2	2,140	6	2.8	1	0.5
Preston	Under 35	20	-	0.0	-	0.0	60	-	0.0	-	0.0
	35 and over	80	-	0.0	-	0.0	80	-	0.0	-	0.0
	Total	100	-	0.0	-	0.0	140	-	0.0	-	0.0
Reading	Under 35	-	-	-	-	-	20	-	0.0	-	0.0
	35 and over	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	20	-	0.0	-	0.0
Rochdale	Under 35	40	-	0.0	-	0.0	10	-	0.0	-	0.0
	35 and over	10	-	0.0	-	0.0	10	-	0.0	-	0.0
	Total	50	-	0.0	-	0.0	20	-	0.0	-	0.0

Table 8(b) - *continued*

Area	Age	Males					Females				
		Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate	Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate
County Boroughs - continued											
Rotherham	Under 35	260	3	11.5	-	0.0	360	4	11.1	-	0.0
	35 and over	480	7	14.6	7	14.6	280	1	3.6	-	0.0
	Total	740	10	13.5	7	9.5	640	5	7.8	-	0.0
St. Helens	Under 35	-	-	-	-	-	60	-	0.0	-	0.0
	35 and over	30	-	0.0	-	0.0	30	-	0.0	-	0.0
	Total	30	-	0.0	-	0.0	90	-	0.0	-	0.0
Salford	Under 35	190	1	5.3	-	0.0	310	-	0.0	-	0.0
	35 and over	450	5	11.1	3	6.7	410	-	0.0	-	0.0
	Total	640	6	9.4	3	4.7	720	-	0.0	-	0.0
Sheffield	Under 35	2,760	30	10.9	1	0.4	3,780	42	11.1	-	0.0
	35 and over	6,480	116	17.9	98	15.1	4,270	28	6.6	5	1.2
	Total	9,240	146	15.8	99	10.7	8,050	70	8.7	5	0.6
Smethwick	Under 35	300	5	16.7	-	0.0	230	3	13.0	-	0.0
	35 and over	360	5	13.9	3	8.3	180	3	16.7	1	5.6
	Total	660	10	15.2	3	4.5	410	6	14.6	1	2.4
Southampton	Under 35	480	2	4.2	-	0.0	1,520	6	3.9	-	0.0
	35 and over	720	18	25.0	10	13.9	1,080	5	4.6	2	1.9
	Total	1,200	20	16.7	10	8.3	2,600	11	4.2	2	0.8
Southend-on-Sea	Under 35	10	-	0.0	-	0.0	20	-	0.0	-	0.0
	35 and over	70	-	0.0	2	28.6	60	-	0.0	-	0.0
	Total	80	-	0.0	2	25.0	80	-	0.0	-	0.0
Southport	Under 35	60	-	0.0	-	0.0	50	-	0.0	-	0.0
	35 and over	50	1	20.0	1	20.0	90	-	0.0	-	0.0
	Total	110	1	9.1	1	9.1	140	-	0.0	-	0.0
South Shields	Under 35	630	4	6.3	-	0.0	820	5	6.1	-	0.0
	35 and over	690	9	13.0	10	14.5	410	3	7.3	-	0.0
	Total	1,320	13	9.8	10	7.6	1,230	8	6.5	-	0.0
Stockport	Under 35	80	1	12.5	-	0.0	60	1	16.7	-	0.0
	35 and over	40	1	25.0	2	50.0	20	-	0.0	1	50.0
	Total	120	2	16.7	2	16.7	80	1	12.5	1	12.5
Stoke-on-Trent	Under 35	1,620	9	5.6	-	0.0	2,150	20	9.3	-	0.0
	35 and over	3,770	37	9.8	22	5.8	2,260	13	5.8	5	2.2
	Total	5,400	46	8.5	22	4.1	4,420	33	7.5	5	1.1
Sunderland	Under 35	290	2	6.9	-	0.0	540	5	9.3	-	0.0
	35 and over	520	5	9.6	7	13.5	400	2	5.0	-	0.0
	Total	810	7	8.6	7	8.6	940	7	7.4	-	0.0
Tynemouth	Under 35	100	-	0.0	-	0.0	110	-	0.0	-	0.0
	35 and over	60	-	0.0	1	16.7	20	-	0.0	-	0.0
	Total	160	-	0.0	1	6.3	130	-	0.0	-	0.0
Wakefield	Under 35	10	-	0.0	-	0.0	10	-	0.0	-	0.0
	35 and over	40	-	0.0	-	0.0	20	-	0.0	-	0.0
	Total	50	-	0.0	-	0.0	30	-	0.0	-	0.0
Wallasey	Under 35	470	3	6.4	-	0.0	670	3	4.5	-	0.0
	35 and over	470	9	19.1	5	10.6	340	-	0.0	-	0.0
	Total	940	12	12.8	5	5.3	1,010	3	3.0	-	0.0
Walsall	Under 35	1,700	24	14.1	-	0.0	2,040	24	11.8	-	0.0
	35 and over	2,220	38	17.1	24	10.8	1,380	9	6.5	1	0.7
	Total	3,920	62	15.8	24	6.1	3,430	33	9.6	1	0.3
Warrington	Under 35	520	6	11.5	-	0.0	700	12	17.1	-	0.0
	35 and over	740	18	24.3	7	9.5	620	4	6.5	-	0.0
	Total	1,260	24	19.0	7	5.6	1,320	16	12.1	-	0.0
West Bromwich	Under 35	820	13	15.9	1	1.2	710	7	9.9	-	0.0
	35 and over	860	8	9.3	10	11.6	350	1	2.9	-	0.0
	Total	1,690	21	12.4	11	6.5	1,060	8	7.5	-	0.0
West Ham	Under 35	300	1	3.3	-	0.0	390	1	2.6	-	0.0
	35 and over	480	10	20.8	6	12.5	280	3	10.7	-	0.0
	Total	780	11	14.1	6	7.7	670	4	6.0	-	0.0
West Hartlepool	Under 35	130	-	0.0	-	0.0	150	1	6.7	-	0.0
	35 and over	210	1	4.8	-	0.0	160	-	0.0	-	0.0
	Total	340	1	2.9	-	0.0	310	1	3.2	-	0.0
Wigan	Under 35	10	-	0.0	-	0.0	-	-	-	-	-
	35 and over	-	-	-	-	-	-	-	-	-	-
	Total	10	-	0.0	-	0.0	-	-	-	-	-
Wolverhampton	Under 35	2,110	45	21.3	1	0.5	2,320	41	17.7	-	0.0
	35 and over	2,390	39	16.3	39	16.3	1,520	9	5.9	5	3.3
	Total	4,500	84	18.7	40	8.9	3,840	50	13.0	5	1.3

Table 8(b) - *continued*

Area	Age	Males					Females				
		Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate	Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate
County Boroughs - continued											
Worcester	Under 35	-	-	-	-	-	-	-	-	-	-
	35 and over	30	-	0.0	-	0.0	-	-	-	-	-
	Total	30	-	0.0	-	0.0	-	-	-	-	-
York	Under 35	-	-	-	-	-	20	-	0.0	-	0.0
	35 and over	30	-	0.0	-	0.0	20	-	0.0	-	0.0
	Total	30	-	0.0	-	0.0	40	-	0.0	-	0.0
Cardiff	Under 35	30	-	0.0	-	0.0	-	1	∞	-	-
	35 and over	-	-	-	-	-	30	-	0.0	-	0.0
	Total	30	-	0.0	-	0.0	30	1	33.3	-	0.0
Merthyr Tydfil	Under 35	-	-	-	-	-	-	-	-	-	-
	35 and over	20	-	0.0	-	0.0	10	-	0.0	-	0.0
	Total	20	-	0.0	-	0.0	10	-	0.0	-	0.0
Newport (Mon.)	Under 35	630	4	6.3	-	0.0	650	4	6.2	-	0.0
	35 and over	870	9	10.3	6	6.9	540	2	3.7	-	0.0
	Total	1,500	13	8.7	6	4.0	1,190	6	5.0	-	0.0
Swansea	Under 35	1,460	12	8.2	-	0.0	2,690	17	6.3	-	0.0
	35 and over	2,770	13	4.7	27	9.7	1,990	13	6.5	1	0.5
	Total	4,230	25	5.9	27	6.4	4,680	30	6.4	1	0.2
Administrative Counties											
Bedfordshire	Under 35	-	-	-	-	-	-	-	-	-	-
	35 and over	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-	-
Berkshire	Under 35	20	-	0.0	-	0.0	10	-	0.0	-	0.0
	35 and over	10	-	0.0	-	0.0	-	-	-	-	-
	Total	30	-	0.0	-	0.0	10	-	0.0	-	0.0
Buckinghamshire	Under 35	20	1	50.0	-	0.0	-	-	-	-	-
	35 and over	-	-	-	-	-	20	-	0.0	-	0.0
	Total	20	1	50.0	-	0.0	20	-	0.0	-	0.0
Cambridgeshire	Under 35	60	-	0.0	-	0.0	140	1	7.1	-	0.0
	35 and over	100	1	10.0	1	10.0	80	-	0.0	-	0.0
	Total	160	1	6.3	1	6.3	220	1	4.5	-	0.0
Cheshire	Under 35	660	7	6.1	-	0.0	1,050	6	6.7	-	0.0
	35 and over	1,010	13	12.9	18	17.6	710	5	7.0	4	5.6
	Total	1,670	20	10.7	18	9.6	1,760	11	6.3	4	2.3
Cornwall	Under 35	20	-	0.0	-	0.0	100	-	0.0	-	0.0
	35 and over	30	-	0.0	2	66.7	40	1	25.0	-	0.0
	Total	50	-	0.0	2	40.0	140	1	7.1	-	0.0
Cumberland	Under 35	160	1	6.3	-	0.0	160	-	0.0	-	0.0
	35 and over	100	2	20.0	1	10.0	120	-	0.0	-	0.0
	Total	260	3	11.5	1	3.8	260	-	0.0	-	0.0
Derbyshire	Under 35	240	5	20.8	-	0.0	400	7	17.5	-	0.0
	35 and over	320	3	9.4	6	18.8	230	1	4.3	-	0.0
	Total	560	8	14.3	6	10.7	630	8	12.7	-	0.0
Devon	Under 35	110	2	18.2	-	0.0	260	3	11.5	-	0.0
	35 and over	180	1	5.6	1	5.6	210	1	4.8	1	4.8
	Total	290	3	10.3	1	3.4	470	4	8.5	1	2.1
Dorset	Under 35	60	-	0.0	-	0.0	50	1	20.0	-	0.0
	35 and over	60	-	0.0	2	33.3	30	-	0.0	-	0.0
	Total	120	-	0.0	2	16.7	80	1	12.5	-	0.0
Durham	Under 35	2,100	23	11.0	1	0.5	3,150	34	10.8	-	0.0
	35 and over	2,710	26	9.6	31	11.4	1,570	12	7.6	3	1.9
	Total	4,810	49	10.2	32	6.7	4,720	46	9.7	3	0.6
Ely, Isle of	Under 35	-	-	-	-	-	20	1	50.0	-	0.0
	35 and over	20	2	100.0	1	50.0	30	-	0.0	-	0.0
	Total	20	2	100.0	1	50.0	50	1	20.0	-	0.0
Essex	Under 35	1,010	8	7.9	1	1.0	1,260	3	2.4	-	0.0
	35 and over	2,160	17	7.9	22	10.2	1,860	2	1.1	4	2.2
	Total	3,170	25	7.9	23	7.3	3,120	5	1.6	4	1.3
Gloucestershire	Under 35	1,390	5	3.6	1	0.7	2,380	11	4.6	1	0.4
	35 and over	1,510	17	11.3	14	9.3	1,380	4	2.9	1	0.7
	Total	2,900	22	7.6	15	5.2	3,760	15	4.0	2	0.5
Herefordshire	Under 35	20	-	0.0	-	0.0	70	-	0.0	-	0.0
	35 and over	40	-	0.0	-	0.0	40	-	0.0	-	0.0
	Total	60	-	0.0	-	0.0	110	-	0.0	-	0.0

Table 8(b) - *continued*

Area	Age	Males: Number of examinations	Males: Number with active t.b.	Males: Rate	Males: Number with cancer of lung	Males: Rate	Females: Number of examinations	Females: Number with active t.b.	Females: Rate	Females: Number with cancer of lung	Females: Rate
Administrative Counties - continued											
Hertfordshire	Under 35	40	-	0.0	-	0.0	50	1	20.0	-	0.0
	35 and over	80	-	0.0	-	0.0	30	-	0.0	-	0.0
	Total	120	-	0.0	-	0.0	80	1	12.5	-	0.0
Huntingdonshire	Under 35	10	1	100.0	-	0.0	-	-	-	-	-
	35 and over	30	-	0.0	1	33.3	10	-	0.0	-	0.0
	Total	40	1	25.0	1	25.0	10	-	0.0	-	0.0
Kent	Under 35	1,690	25	14.8	-	0.0	2,500	23	9.2	-	0.0
	35 and over	2,540	32	12.6	25	9.8	1,960	11	5.6	3	1.5
	Total	4,230	57	13.5	25	5.9	4,460	34	7.6	3	0.7
Lancashire	Under 35	2,580	13	5.0	-	0.0	3,240	27	8.3	-	0.0
	35 and over	2,340	33	14.1	22	9.4	1,650	8	4.8	3	1.8
	Total	4,920	46	9.3	22	4.5	4,890	35	7.2	3	0.6
Leicestershire	Under 35	70	2	28.6	-	0.0	100	1	10.0	-	0.0
	35 and over	90	3	33.3	1	11.1	80	-	0.0	-	0.0
	Total	160	5	31.3	1	6.3	180	1	5.6	-	0.0
Lincolnshire (Parts of Holland)	Under 35	10	-	0.0	-	0.0	-	-	-	-	-
	35 and over	-	-	-	-	-	-	-	-	-	-
	Total	10	-	0.0	-	0.0	-	-	-	-	-
Lincolnshire (Parts of Kesteven)	Under 35	-	-	-	-	-	30	-	0.0	-	0.0
	35 and over	20	-	0.0	-	0.0	50	-	0.0	-	0.0
	Total	20	-	0.0	-	0.0	80	-	0.0	-	0.0
Lincolnshire (Parts of Lindsey)	Under 35	-	-	-	-	-	10	-	0.0	-	0.0
	35 and over	10	-	0.0	-	0.0	10	-	0.0	-	0.0
	Total	10	-	0.0	-	0.0	20	-	0.0	-	0.0
London A.C.	Under 35	20,090	169	8.4	1	0.0	26,150	180	7.2	2	0.1
	35 and over	25,870	299	11.6	308	11.9	22,070	118	5.1	53	2.3
	Total	45,960	468	10.2	309	6.7	48,220	298	6.2	55	1.1
Middlesex	Under 35	8,670	37	4.3	1	0.1	9,530	55	5.8	-	0.0
	35 and over	12,110	102	8.4	144	11.9	9,440	23	2.4	12	1.3
	Total	20,780	139	6.7	145	7.0	18,980	78	4.1	12	0.6
Norfolk	Under 35	10	-	0.0	-	0.0	10	-	0.0	-	0.0
	35 and over	10	-	0.0	-	0.0	-	-	-	-	-
	Total	20	-	0.0	-	0.0	10	-	0.0	-	0.0
Northamptonshire	Under 35	20	-	0.0	-	0.0	10	-	0.0	-	0.0
	35 and over	-	-	-	-	-	-	-	-	-	-
	Total	20	-	0.0	-	0.0	10	-	0.0	-	0.0
Northumberland	Under 35	2,100	18	8.6	1	0.5	2,120	10	4.7	-	0.0
	35 and over	1,530	15	9.8	15	9.8	1,170	5	4.3	2	1.7
	Total	3,640	33	9.1	16	4.4	3,290	15	4.6	2	0.6
Nottinghamshire	Under 35	1,210	15	12.4	-	0.0	2,200	28	12.7	1	0.5
	35 and over	1,980	36	18.2	40	20.2	1,610	21	13.0	10	6.2
	Total	3,190	51	16.0	40	12.5	3,810	50	13.1	11	2.9
Oxfordshire	Under 35	-	-	-	-	-	10	-	0.0	-	0.0
	35 and over	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	10	-	0.0	-	0.0
Peterborough, Soke of	Under 35	-	-	-	-	-	-	-	-	-	-
	35 and over	-	-	-	-	-	10	-	0.0	-	0.0
	Total	-	-	-	-	-	10	-	0.0	-	0.0
Rutland	Under 35	10	-	0.0	-	0.0	50	-	0.0	-	0.0
	35 and over	20	-	0.0	-	0.0	10	-	0.0	-	0.0
	Total	30	-	0.0	-	0.0	60	-	0.0	-	0.0
Shropshire	Under 35	150	-	0.0	-	0.0	100	2	20.0	-	0.0
	35 and over	150	2	13.3	1	6.7	110	-	0.0	1	9.1
	Total	300	2	6.7	1	3.3	210	2	9.5	1	4.8
Somerset	Under 35	540	3	5.6	-	0.0	880	1	1.1	-	0.0
	35 and over	760	3	3.9	11	14.5	800	3	3.8	-	0.0
	Total	1,300	6	4.6	11	8.5	1,680	4	2.4	-	0.0
Southampton	Under 35	1,220	9	7.4	-	0.0	2,230	10	4.5	-	0.0
	35 and over	1,950	18	9.2	28	14.4	1,440	4	2.8	1	0.7
	Total	3,170	27	8.5	28	8.8	3,670	14	3.8	1	0.3
Staffordshire	Under 35	5,440	59	10.8	1	0.2	6,940	81	11.7	-	0.0
	35 and over	8,520	94	11.0	82	9.6	4,710	26	5.5	4	0.8
	Total	13,960	153	10.9	83	5.9	11,650	107	9.2	4	0.3
Suffolk, East	Under 35	-	-	-	-	-	10	-	0.0	-	0.0
	35 and over	20	-	0.0	-	0.0	-	-	-	-	-
	Total	20	-	0.0	-	0.0	10	-	0.0	-	0.0

Table 8(b) - *continued*

Area	Age	Males					Females				
		Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate	Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate
Administrative Counties - continued											
Suffolk, West	Under 35	-	-	-	-	-	-	-	-	-	-
	35 and over	10	-	0.0	-	0.0	-	-	-	-	-
	Total	10	-	0.0	-	0.0	-	-	-	-	-
Surrey	Under 35	2,240	18	8.0	-	0.0	2,410	8	3.3	-	0.0
	35 and over	3,480	25	7.2	41	11.8	2,590	7	2.7	2	0.8
	Total	5,730	43	7.5	41	7.2	5,000	15	3.0	2	0.4
Sussex, East	Under 35	30	-	0.0	-	0.0	50	-	0.0	-	0.0
	35 and over	50	4	80.0	4	80.0	120	2	16.7	2	16.7
	Total	80	4	50.0	4	50.0	170	2	11.8	2	11.8
Sussex, West	Under 35	20	-	0.0	-	0.0	-	-	-	-	-
	35 and over	10	-	0.0	1	100.0	30	-	0.0	-	0.0
	Total	30	-	0.0	1	33.3	30	-	0.0	-	0.0
Warwickshire	Under 35	1,180	5	4.2	-	0.0	1,450	10	6.9	-	0.0
	35 and over	1,730	10	5.8	23	13.3	1,040	7	6.7	2	1.9
	Total	2,910	15	5.2	23	7.9	2,490	17	6.8	2	0.8
Westmorland	Under 35	30	-	0.0	-	0.0	10	-	0.0	-	0.0
	35 and over	20	-	0.0	-	0.0	20	1	50.0	-	0.0
	Total	50	-	0.0	-	0.0	30	1	33.3	-	0.0
Wight, Isle of	Under 35	-	-	-	-	-	-	-	-	-	-
	35 and over	10	-	0.0	-	0.0	-	-	-	-	-
	Total	10	-	0.0	-	0.0	-	-	-	-	-
Wiltshire	Under 35	40	-	0.0	-	0.0	30	-	0.0	-	0.0
	35 and over	60	-	0.0	-	0.0	20	-	0.0	-	0.0
	Total	100	-	0.0	-	0.0	50	-	0.0	-	0.0
Worcestershire	Under 35	1,180	8	6.8	1	0.8	1,790	8	4.5	1	0.6
	35 and over	1,580	14	8.9	21	13.3	1,180	6	5.1	-	0.0
	Total	2,770	22	7.9	22	7.9	2,970	14	4.7	1	0.3
Yorkshire, East Riding	Under 35	210	-	0.0	-	0.0	170	5	29.4	-	0.0
	35 and over	160	1	6.3	1	6.3	170	2	11.8	-	0.0
	Total	370	1	2.7	1	2.7	340	7	20.6	-	0.0
Yorkshire, North Riding	Under 35	70	1	14.3	-	0.0	190	-	0.0	-	0.0
	35 and over	170	5	29.4	2	11.8	70	-	0.0	-	0.0
	Total	240	6	25.0	2	8.3	260	-	0.0	-	0.0
Yorkshire, West Riding	Under 35	630	2	3.2	-	0.0	700	5	7.1	-	0.0
	35 and over	1,420	17	12.0	16	11.3	480	4	8.3	-	0.0
	Total	2,050	19	9.3	16	7.8	1,180	9	7.6	-	0.0
Anglesey	Under 35	70	-	0.0	-	0.0	50	1	20.0	-	0.0
	35 and over	10	2	200.0	1	100.0	30	-	0.0	-	0.0
	Total	80	2	25.0	1	12.5	80	1	12.5	-	0.0
Brecknockshire	Under 35	10	-	0.0	-	0.0	40	-	0.0	-	0.0
	35 and over	-	-	-	-	-	10	-	0.0	-	0.0
	Total	10	-	0.0	-	0.0	50	-	0.0	-	0.0
Caernarvonshire	Under 35	210	1	4.8	-	0.0	110	1	9.1	-	0.0
	35 and over	250	3	12.0	3	12.0	190	1	5.3	-	0.0
	Total	460	4	8.7	3	6.5	300	2	6.7	-	0.0
Cardiganshire	Under 35	40	-	0.0	-	0.0	50	-	0.0	-	0.0
	35 and over	40	-	0.0	-	0.0	20	-	0.0	-	0.0
	Total	80	-	0.0	-	0.0	70	-	0.0	-	0.0
Carmarthenshire	Under 35	260	-	0.0	-	0.0	400	2	5.0	-	0.0
	35 and over	450	2	4.4	2	4.4	290	3	10.3	-	0.0
	Total	710	2	2.8	2	2.8	690	5	7.2	-	0.0
Denbighshire	Under 35	120	-	0.0	-	0.0	60	-	0.0	-	0.0
	35 and over	120	-	0.0	1	8.3	90	-	0.0	-	0.0
	Total	240	-	0.0	1	4.2	150	-	0.0	-	0.0
Flintshire	Under 35	100	3	30.0	-	0.0	30	1	33.3	-	0.0
	35 and over	20	1	50.0	1	50.0	40	1	25.0	-	0.0
	Total	120	4	33.3	1	8.3	70	2	28.6	-	0.0
Glamorganshire	Under 35	290	3	10.3	-	0.0	280	2	7.1	-	0.0
	35 and over	570	3	5.3	10	17.5	240	4	16.7	-	0.0
	Total	860	6	7.0	10	11.6	520	6	11.5	-	0.0
Merionethshire	Under 35	10	1	100.0	-	0.0	10	-	0.0	-	0.0
	35 and over	10	-	0.0	-	0.0	-	-	-	-	-
	Total	20	1	50.0	-	0.0	10	-	0.0	-	0.0
Monmouthshire	Under 35	210	1	4.8	-	0.0	210	1	4.8	-	0.0
	35 and over	290	1	3.4	1	3.4	180	2	11.1	-	0.0
	Total	500	2	4.0	1	2.0	390	3	7.7	-	0.0

Table 8(b) - *continued*

Area	Age	Males					Females				
		Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate	Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate
Administrative Counties - continued											
Montgomeryshire	Under 35	10	-	0.0	-	0.0	10	-	0.0	-	0.0
	35 and over	10	-	0.0	1	100.0	-	-	-	-	-
	Total	**20**	-	**0.0**	1	**50.0**	**10**	-	**0.0**	-	**0.0**
Pembrokeshire	Under 35	20	-	0.0	-	0.0	10	-	0.0	-	0.0
	35 and over	20	-	0.0	-	0.0	-	-	-	-	-
	Total	**40**	-	**0.0**	-	**0.0**	**10**	-	**0.0**	-	**0.0**
Radnorshire	Under 35	-	-	-	-	-	-	-	-	-	-
	35 and over	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-	-

Note. The total lines include any cases of "not stated" ages.

Table 9(c). Examinations and cases of active tuberculosis and cancer of lung discovered, by area of residence, sex and age, distinguishing those referred by general practitioners. Rates per 1,000 examinations

England and Wales,
metropolitan and county boroughs,
administrative counties

Other examinee groups

Note. For definitions, etc., see the General Notes.

Area	Age	Males Number of examinations	Males Number with active t.b.	Males Rate	Males Number with cancer of lung	Males Rate	Females Number of examinations	Females Number with active t.b.	Females Rate	Females Number with cancer of lung	Females Rate
England and Wales	Under 35	3,036,830	3,923	1.3	28	0.0	2,763,750	4,310	1.6	11	0.0
	35 and over	2,526,570	4,921	1.9	2,082	0.8	1,693,580	1,676	1.0	251	0.1
	Total	5,567,330	8,847	1.6	2,110	0.4	4,458,590	5,989	1.3	262	0.1
London A.C.	Under 35	226,340	426	1.9	2	0.0	212,450	409	1.9	-	0.0
	35 and over	166,230	689	4.1	210	1.3	124,760	198	1.6	33	0.3
	Total	392,700	1,116	2.8	212	0.5	337,330	608	1.8	33	0.1
City of London	Under 35	440	-	0.0	-	0.0	190	-	0.0	-	0.0
	35 and over	350	-	0.0	-	0.0	190	-	0.0	-	0.0
	Total	790	-	0.0	-	0.0	380	-	0.0	-	0.0
Battersea	Under 35	6,860	12	1.7	-	0.0	5,920	11	1.9	-	0.0
	35 and over	5,780	13	2.2	4	0.7	3,630	3	0.8	-	0.0
	Total	12,650	25	2.0	4	0.3	9,550	14	1.6	-	0.0
Bermondsey	Under 35	4,520	9	2.0	-	0.0	3,960	11	2.8	-	0.0
	35 and over	3,200	8	2.5	4	1.3	1,970	-	0.0	-	0.0
	Total	7,720	17	2.2	4	0.5	5,930	11	1.8	-	0.0
Bethnal Green	Under 35	2,400	3	1.3	-	0.0	2,050	7	3.4	-	0.0
	35 and over	1,460	4	2.6	1	0.7	1,100	-	0.0	2	1.8
	Total	3,850	7	1.6	1	0.3	3,150	7	2.2	2	0.6
Camberwell	Under 35	13,870	36	2.6	-	0.0	10,730	27	2.5	-	0.0
	35 and over	10,610	103	9.7	14	1.3	6,540	16	2.4	3	0.5
	Total	24,610	139	5.7	14	0.6	17,280	43	2.5	3	0.2
Chelsea	Under 35	3,420	8	2.3	-	0.0	2,350	4	1.7	-	0.0
	35 and over	1,480	4	2.7	2	1.4	1,170	1	0.9	-	0.0
	Total	4,900	12	2.4	2	0.4	3,520	5	1.4	-	0.0
Deptford	Under 35	6,960	17	2.4	1	0.1	6,560	22	3.4	-	0.0
	35 and over	5,610	64	11.0	9	1.5	3,940	22	5.5	1	0.3
	Total	12,770	81	6.3	10	0.8	10,510	44	4.2	1	0.1
Finsbury	Under 35	1,620	2	1.2	-	0.0	1,920	-	0.0	-	0.0
	35 and over	1,450	4	2.6	5	3.4	860	1	1.2	-	0.0
	Total	3,070	6	2.0	5	1.6	2,780	1	0.4	-	0.0
Fulham	Under 35	7,140	15	2.1	-	0.0	7,020	15	2.1	-	0.0
	35 and over	7,050	20	2.6	12	1.7	5,230	4	0.6	2	0.4
	Total	14,190	35	2.5	12	0.8	12,250	19	1.6	2	0.2
Greenwich	Under 35	8,380	28	3.3	-	0.0	8,240	26	3.2	-	0.0
	35 and over	7,170	50	7.0	14	2.0	4,930	15	3.0	1	0.2
	Total	15,550	78	5.0	14	0.9	13,170	41	3.1	1	0.1
Hackney	Under 35	10,370	9	0.8	-	0.0	11,660	20	1.7	-	0.0
	35 and over	6,960	18	2.6	10	1.4	6,160	5	0.8	3	0.5
	Total	17,330	27	1.6	10	0.6	17,660	25	1.4	3	0.2
Hammersmith	Under 35	6,830	15	2.2	-	0.0	3,930	7	1.8	-	0.0
	35 and over	4,250	14	3.3	3	0.7	2,630	8	3.0	-	0.0
	Total	11,080	29	2.6	3	0.3	6,560	15	2.3	-	0.0
Hampstead	Under 35	6,220	8	1.4	-	0.0	6,210	10	1.6	-	0.0
	35 and over	4,190	7	1.7	5	1.2	3,720	5	1.3	-	0.0
	Total	10,410	16	1.5	5	0.5	9,930	15	1.5	-	0.0
Holborn	Under 35	2,320	2	0.9	-	0.0	2,770	2	0.7	-	0.0
	35 and over	1,190	2	2.5	3	2.5	930	1	1.1	-	0.0
	Total	3,510	5	1.4	3	0.9	3,700	3	0.8	-	0.0
Islington	Under 35	15,050	32	2.1	-	0.0	18,140	32	1.6	-	0.0
	35 and over	9,960	43	4.3	14	1.4	8,760	12	1.4	3	0.3
	Total	25,010	75	3.0	14	0.6	26,900	45	1.7	3	0.1
Kensington	Under 35	12,460	30	2.4	-	0.0	11,640	16	1.5	-	0.0
	35 and over	6,620	26	3.9	12	1.6	5,160	6	1.5	1	0.2
	Total	19,080	56	2.9	12	0.6	16,820	26	1.5	1	0.1
Lambeth	Under 35	18,860	31	1.6	1	0.1	17,590	38	2.2	-	0.0
	35 and over	13,150	40	3.0	27	2.1	11,850	26	2.2	3	0.3
	Total	32,010	71	2.2	28	0.9	29,450	64	2.2	3	0.1
Lewisham	Under 35	16,050	36	2.0	-	0.0	14,730	31	2.1	-	0.0
	35 and over	13,700	30	2.2	8	0.6	9,580	6	0.6	1	0.1
	Total	31,790	66	2.1	8	0.3	24,330	37	1.5	1	0.0
Paddington	Under 35	7,390	20	2.7	-	0.0	5,250	16	3.4	-	0.0
	35 and over	4,340	22	5.1	4	0.9	3,260	4	1.2	-	0.0
	Total	11,740	42	3.6	4	0.3	8,520	22	2.6	-	0.0

Table 6(c) - *continued*

Area	Age	Males					Females				
		Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate	Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate
London A.C. - *continued*											
Poplar	Under 35	3,680	5	1.4	-	0.0	2,850	5	1.8	-	0.0
	35 and over	2,600	5	1.9	2	0.8	1,690	1	0.6	-	0.0
	Total	6,280	10	1.6	2	0.3	4,540	6	1.3	-	0.0
St. Marylebone	Under 35	2,610	6	2.3	-	0.0	3,180	3	0.9	-	0.0
	35 and over	2,520	3	1.2	2	0.8	2,160	4	1.8	-	0.0
	Total	5,130	9	1.8	2	0.4	5,340	7	1.3	-	0.0
St. Pancras	Under 35	8,040	23	2.9	-	0.0	8,740	13	1.5	-	0.0
	35 and over	6,130	35	6.2	6	1.0	4,790	1	0.2	-	0.0
	Total	14,180	62	4.4	6	0.4	13,530	14	1.0	-	0.0
Shoreditch	Under 35	2,290	1	0.4	-	0.0	2,180	6	2.8	-	0.0
	35 and over	1,260	4	3.2	1	0.8	880	1	1.1	-	0.0
	Total	3,550	5	1.4	1	0.3	3,060	6	2.0	-	0.0
Southwark	Under 35	6,210	7	1.1	-	0.0	6,100	17	2.8	-	0.0
	35 and over	3,640	18	4.9	9	2.5	2,260	8	3.5	7	3.1
	Total	9,860	25	2.5	9	0.9	8,330	25	3.0	7	0.8
Stepney	Under 35	5,790	3	0.5	-	0.0	3,600	4	1.1	-	0.0
	35 and over	3,680	17	4.6	7	1.9	2,260	4	1.8	-	0.0
	Total	9,470	20	2.1	7	0.7	5,860	8	1.4	-	0.0
Stoke Newington	Under 35	3,860	8	2.1	-	0.0	3,870	8	2.1	-	0.0
	35 and over	2,850	7	2.5	4	1.4	2,150	1	0.5	-	0.0
	Total	6,710	15	2.2	4	0.6	6,020	9	1.5	-	0.0
Wandsworth	Under 35	23,030	29	1.3	-	0.0	24,620	35	1.4	-	0.0
	35 and over	20,440	45	2.2	12	0.6	16,250	9	0.6	3	0.2
	Total	43,470	74	1.7	12	0.3	40,870	44	1.1	3	0.1
Westminster, City of	Under 35	5,670	7	1.2	-	0.0	4,220	1	0.2	-	0.0
	35 and over	3,740	16	4.3	6	1.6	2,580	2	0.8	2	0.8
	Total	9,410	23	2.4	6	0.6	6,800	3	0.4	2	0.3
Woolwich	Under 35	12,010	23	1.9	-	0.0	12,220	19	1.6	-	0.0
	35 and over	10,650	63	5.9	10	0.9	8,080	27	3.4	1	0.1
	Total	22,660	86	3.8	10	0.4	20,300	46	2.3	1	0.0
County Boroughs											
Barnsley	Under 35	4,580	9	2.0	-	0.0	4,500	9	2.0	-	0.0
	35 and over	3,220	14	4.3	-	0.0	2,220	3	1.4	-	0.0
	Total	7,800	23	2.9	-	0.0	6,720	12	1.8	-	0.0
Barrow-in-Furness	Under 35	140	-	0.0	-	0.0	110	-	0.0	-	0.0
	35 and over	80	-	0.0	-	0.0	30	-	0.0	-	0.0
	Total	220	-	0.0	-	0.0	140	-	0.0	-	0.0
Bath	Under 35	9,620	6	0.6	-	0.0	8,450	5	0.6	-	0.0
	35 and over	7,300	5	0.7	2	0.3	4,490	5	1.1	2	0.4
	Total	16,920	11	0.7	2	0.1	12,940	10	0.8	2	0.2
Birkenhead	Under 35	10,760	13	1.2	-	0.0	12,910	19	1.5	-	0.0
	35 and over	4,160	5	1.2	4	1.0	3,860	7	1.8	-	0.0
	Total	14,920	18	1.2	4	0.3	16,770	26	1.6	-	0.0
Birmingham	Under 35	67,630	128	1.9	1	0.0	66,870	124	1.9	1	0.0
	35 and over	44,590	78	1.8	34	0.8	31,850	40	1.3	6	0.2
	Total	112,220	206	1.8	35	0.3	98,720	164	1.7	7	0.1
Blackburn	Under 35	7,740	5	0.6	-	0.0	8,010	15	1.9	-	0.0
	35 and over	7,140	19	2.7	7	1.0	5,960	4	0.7	-	0.0
	Total	14,880	24	1.6	7	0.5	13,980	19	1.4	-	0.0
Blackpool	Under 35	6,780	6	0.9	-	0.0	6,410	2	0.3	-	0.0
	35 and over	7,900	3	0.4	5	0.6	4,770	2	0.4	-	0.0
	Total	14,690	9	0.6	5	0.3	11,180	4	0.4	-	0.0
Bolton	Under 35	12,780	8	0.6	-	0.0	10,460	17	1.6	-	0.0
	35 and over	11,800	17	1.4	13	1.1	10,470	7	0.7	3	0.3
	Total	24,580	25	1.0	13	0.5	20,930	24	1.1	3	0.1
Bootle	Under 35	7,050	27	3.8	-	0.0	7,180	24	3.4	-	0.0
	35 and over	2,480	16	6.5	8	3.2	3,900	10	2.6	3	0.8
	Total	9,530	43	4.5	8	0.8	11,080	34	3.1	3	0.[illegible]
Bournemouth	Under 35	8,390	7	0.8	-	0.0	7,290	6	0.8	1	0.1
	35 and over	7,550	7	0.9	8	1.1	6,730	5	0.7	-	0.0
	Total	15,940	14	0.9	8	0.5	14,020	11	0.8	1	0.1

Table 8(c) - *continued*

Area	Age	Males					Females				
		Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate	Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate
County Boroughs - continued											
Bradford	Under 35	12,590	33	2.6	-	0.0	14,120	28	2.0	-	0.0
	35 and over	13,790	46	3.3	10	0.7	6,690	7	1.0	-	0.0
	Total	26,680	79	3.0	10	0.4	21,020	35	1.7	-	0.0
Brighton	Under 35	16,090	23	1.4	-	0.0	15,920	41	2.6	-	0.0
	35 and over	13,410	48	3.6	21	1.6	10,710	17	1.6	3	0.3
	Total	29,500	71	2.4	21	0.7	26,630	58	2.2	3	0.1
Bristol	Under 35	41,600	40	1.0	-	0.0	31,050	41	1.3	-	0.0
	35 and over	29,730	36	1.2	21	0.7	16,110	16	1.1	1	0.1
	Total	71,330	76	1.1	21	0.3	47,160	57	1.2	1	0.0
Burnley	Under 35	820	1	1.2	-	0.0	370	1	2.7	-	0.0
	35 and over	640	5	7.8	1	1.6	420	1	2.4	-	0.0
	Total	1,460	6	4.1	1	0.7	790	2	2.5	-	0.0
Burton upon Trent	Under 35	3,350	8	2.4	-	0.0	3,230	6	1.9	-	0.0
	35 and over	3,550	2	0.6	1	0.3	2,900	1	0.3	-	0.0
	Total	6,900	10	1.4	1	0.1	6,130	7	1.1	-	0.0
Bury	Under 35	6,930	3	0.5	-	0.0	5,330	4	1.2	-	0.0
	35 and over	5,790	7	1.5	1	0.3	3,070	2	0.7	-	0.0
	Total	7,720	10	1.3	1	0.1	8,400	6	0.9	-	0.0
Canterbury	Under 35	1,890	3	1.6	-	0.0	1,900	2	1.1	-	0.0
	35 and over	1,420	3	2.1	2	1.4	1,670	1	0.6	-	0.0
	Total	3,310	6	1.8	2	0.6	3,570	3	0.8	-	0.0
Carlisle	Under 35	10,980	7	0.6	1	0.1	14,220	18	1.3	-	0.0
	35 and over	9,990	22	2.2	9	0.9	8,510	6	0.7	3	0.4
	Total	20,970	29	1.4	10	0.5	22,730	24	1.1	3	0.1
Chester	Under 35	6,490	13	2.0	-	0.0	4,200	7	1.7	-	0.0
	35 and over	4,150	7	1.7	4	1.0	1,430	-	0.0	-	0.0
	Total	10,650	20	1.9	4	0.4	5,630	7	1.2	-	0.0
Coventry	Under 35	22,960	47	2.1	-	0.0	19,650	34	1.7	-	0.0
	35 and over	21,510	40	1.9	16	0.7	5,990	9	1.0	2	0.2
	Total	44,470	87	2.0	16	0.4	26,620	43	1.5	2	0.1
Croydon	Under 35	15,790	25	1.4	-	0.0	17,340	19	1.1	-	0.0
	35 and over	19,990	43	2.2	29	1.5	17,370	8	0.5	3	0.2
	Total	36,790	69	1.8	28	0.7	34,710	27	0.8	3	0.1
Darlington	Under 35	8,530	9	1.1	-	0.0	10,610	20	1.9	-	0.0
	35 and over	7,010	15	2.1	16	2.3	4,770	7	1.5	-	0.0
	Total	15,540	24	1.5	16	1.0	15,380	27	1.8	-	0.0
Derby	Under 35	13,720	8	0.6	-	0.0	11,150	2	0.2	-	0.0
	35 and over	10,150	15	1.5	6	0.5	3,670	-	0.0	-	0.0
	Total	23,870	23	1.0	6	0.3	14,820	2	0.1	-	0.0
Dewsbury	Under 35	1,810	-	0.0	-	0.0	1,240	2	1.6	-	0.0
	35 and over	1,440	2	1.4	-	0.0	1,080	-	0.0	-	0.0
	Total	3,250	2	0.6	-	0.0	2,320	2	0.9	-	0.0
Doncaster	Under 35	10,800	18	1.7	1	0.1	8,850	16	1.8	1	0.1
	35 and over	12,110	20	1.7	10	0.8	5,970	4	0.7	2	0.3
	Total	22,910	38	1.7	11	0.5	14,820	20	1.3	3	0.2
Dudley	Under 35	6,300	5	0.8	-	0.0	6,250	10	1.6	-	0.0
	35 and over	3,760	10	2.7	2	0.5	2,750	3	1.1	-	0.0
	Total	10,060	15	1.5	2	0.2	9,000	13	1.4	-	0.0
Eastbourne	Under 35	3,550	4	1.1	-	0.0	4,470	6	1.3	-	0.0
	35 and over	3,470	7	2.0	3	0.9	3,740	4	1.1	1	0.3
	Total	7,020	11	1.6	3	0.4	8,210	10	1.2	1	0.1
East Ham	Under 35	7,770	7	0.9	-	0.0	6,960	10	1.4	-	0.0
	35 and over	7,410	18	2.4	9	1.2	6,820	4	0.6	-	0.0
	Total	15,180	25	1.6	9	0.6	13,760	14	1.0	-	0.0
Exeter	Under 35	11,320	13	1.1	-	0.0	10,860	13	1.2	-	0.0
	35 and over	5,650	7	1.2	5	0.9	3,600	5	1.4	2	0.6
	Total	16,970	20	1.2	5	0.3	14,460	18	1.2	2	0.1
Gateshead	Under 35	12,560	29	2.3	-	0.0	11,480	41	3.6	-	0.0
	35 and over	9,700	36	3.7	10	1.0	8,540	18	2.1	1	0.1
	Total	22,260	65	2.9	10	0.4	20,020	59	2.9	1	0.0
Gloucester	Under 35	9,250	15	1.6	-	0.0	10,540	12	1.1	-	0.0
	35 and over	8,350	12	1.4	13	1.6	4,770	7	1.5	-	0.0
	Total	17,600	27	1.5	13	0.7	15,310	19	1.2	-	0.0

Table 8(c) - *continued*

Area	Age	Males					Female				
		Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate	Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate
County Boroughs - continued											
Great Yarmouth	Under 35	2,950	5	1.7	-	0.0	2,720	5	1.8	-	0.0
	35 and over	2,060	5	2.4	2	1.0	1,500	-	0.0	1	0.7
	Total	5,010	10	2.0	2	0.4	4,220	5	1.2	1	0.2
Grimsby	Under 35	4,420	2	0.5	-	0.0	3,810	5	1.3	-	0.0
	35 and over	1,920	3	1.6	1	0.5	910	1	1.1	-	0.0
	Total	6,340	5	0.8	1	0.2	4,720	6	1.3	-	0.0
Halifax	Under 35	3,330	10	3.0	-	0.0	2,630	5	1.9	-	0.0
	35 and over	4,700	18	3.8	6	1.3	2,830	5	1.8	-	0.0
	Total	8,030	28	3.5	6	0.7	5,460	10	1.8	-	0.0
Hastings	Under 35	1,840	1	0.5	-	0.0	1,980	3	1.5	-	0.0
	35 and over	2,120	3	1.4	3	1.4	2,280	-	0.0	1	0.4
	Total	3,960	4	1.0	3	0.8	4,260	3	0.7	1	0.2
Huddersfield	Under 35	5,720	7	1.2	-	0.0	3,800	8	2.1	-	0.0
	35 and over	6,510	13	2.0	4	0.6	2,980	-	0.0	1	0.3
	Total	12,230	20	1.6	4	0.3	6,780	8	1.2	1	0.1
Ipswich	Under 35	6,600	4	0.6	-	0.0	5,390	2	0.4	-	0.0
	35 and over	7,150	4	0.6	1	0.1	2,510	1	0.4	-	0.0
	Total	13,750	8	0.6	1	0.1	7,900	3	0.4	-	0.0
Kingston upon Hull	Under 35	17,690	29	1.6	-	0.0	22,380	48	2.1	-	0.0
	35 and over	16,460	23	1.4	12	0.7	8,830	8	0.9	1	0.1
	Total	34,150	52	1.5	12	0.4	31,210	56	1.8	1	0.0
Leeds	Under 35	20,350	25	1.2	1	0.0	27,510	38	1.4	-	0.0
	35 and over	13,640	18	1.3	13	1.0	12,470	8	0.6	2	0.2
	Total	33,990	43	1.3	14	0.4	39,980	46	1.2	2	0.1
Leicester	Under 35	25,870	43	1.7	-	0.0	25,340	30	1.2	-	0.0
	35 and over	16,080	39	2.4	9	0.6	11,900	9	0.8	1	0.1
	Total	41,950	82	2.0	9	0.2	37,240	39	1.0	1	0.0
Lincoln	Under 35	4,720	7	1.5	-	0.0	4,170	6	1.4	-	0.0
	35 and over	4,720	9	1.9	7	1.5	2,640	5	1.9	1	0.4
	Total	9,440	16	1.7	7	0.7	6,810	11	1.6	1	0.1
Liverpool	Under 35	53,940	98	1.8	-	0.0	49,670	114	2.3	-	0.0
	35 and over	20,770	66	3.2	19	0.9	15,570	20	1.3	1	0.1
	Total	74,710	164	2.2	19	0.3	65,240	134	2.1	1	0.0
Manchester	Under 35	34,500	62	1.8	1	0.0	23,040	47	2.0	-	0.0
	35 and over	26,980	59	2.2	44	1.6	18,970	14	0.7	6	0.3
	Total	61,480	121	2.0	45	0.7	42,020	61	1.5	6	0.1
Middlesbrough	Under 35	2,200	6	2.7	-	0.0	1,950	2	1.0	-	0.0
	35 and over	1,390	3	2.2	-	0.0	700	3	4.3	-	0.0
	Total	3,590	9	2.5	-	0.0	2,660	5	1.9	-	0.0
Newcastle upon Tyne	Under 35	17,990	41	2.3	-	0.0	20,420	66	3.2	-	0.0
	35 and over	17,360	35	2.0	12	0.7	9,470	7	0.7	-	0.0
	Total	35,410	76	2.1	12	0.3	29,890	73	2.4	-	0.0
Northampton	Under 35	7,420	13	1.8	-	0.0	6,730	10	1.5	-	0.0
	35 and over	11,120	19	1.7	13	1.2	5,860	6	1.0	1	0.2
	Total	18,540	32	1.7	13	0.7	12,590	16	1.3	1	0.1
Norwich	Under 35	11,530	14	1.2	-	0.0	10,380	12	1.2	-	0.0
	35 and over	11,400	8	0.7	3	0.3	6,630	2	0.3	1	0.2
	Total	22,930	22	1.0	3	0.1	17,010	14	0.8	1	0.1
Nottingham	Under 35	32,770	62	1.9	-	0.0	38,110	73	1.9	-	0.0
	35 and over	15,700	60	3.8	26	1.7	12,710	26	2.0	6	0.5
	Total	48,470	122	2.5	26	0.5	50,820	99	1.9	6	0.1
Oldham	Under 35	8,660	10	1.2	-	0.0	8,760	11	1.3	-	0.0
	35 and over	9,480	19	2.0	10	1.1	8,760	2	0.2	1	0.1
	Total	18,150	29	1.6	10	0.6	17,530	13	0.7	1	0.1
Oxford	Under 35	7,270	11	1.5	-	0.0	5,470	9	1.6	-	0.0
	35 and over	8,630	18	2.1	6	0.7	3,520	2	0.6	-	0.0
	Total	15,900	29	1.8	6	0.4	8,990	11	1.2	-	0.0
Plymouth	Under 35	17,380	32	1.8	-	0.0	20,380	38	1.9	-	0.0
	35 and over	14,040	23	1.6	18	1.3	8,640	10	1.2	1	0.1
	Total	31,420	55	1.8	18	0.6	29,010	48	1.7	1	0.0
Portsmouth	Under 35	21,310	22	1.0	-	0.0	20,910	30	1.4	-	0.0
	35 and over	23,460	22	0.9	16	0.7	11,230	9	0.8	1	0.1
	Total	44,770	44	1.0	16	0.4	32,140	39	1.2	1	0.0

Area	Age	Males					Females				
		Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate	Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate
County Boroughs - continued											
Preston	Under 35	7,520	10	1.3	-	0.0	8,360	14	1.7	-	0.0
	35 and over	8,610	16	1.9	12	1.4	5,860	4	0.7	3	0.5
	Total	16,140	26	1.6	12	0.7	14,220	18	1.3	3	0.2
Reading	Under 35	14,890	20	1.4	-	0.0	13,720	21	1.6	-	0.0
	35 and over	13,060	19	1.4	9	0.7	10,220	7	0.7	-	0.0
	Total	28,350	39	1.4	9	0.3	23,940	28	1.2	-	0.0
Rochdale	Under 35	6,010	4	0.7	-	0.0	6,450	6	1.1	-	0.0
	35 and over	6,900	6	0.9	6	0.9	5,030	4	0.7	1	0.2
	Total	12,910	10	0.8	6	0.5	11,480	10	0.9	1	0.1
Rotherham	Under 35	8,580	8	0.9	-	0.0	8,000	11	1.4	-	0.0
	35 and over	8,410	19	2.3	12	1.4	4,620	4	0.9	-	0.0
	Total	16,990	27	1.6	12	0.7	12,620	15	1.2	-	0.0
St. Helens	Under 35	9,580	7	0.7	-	0.0	6,970	18	2.6	-	0.0
	35 and over	4,130	14	3.4	2	0.5	1,740	4	2.3	-	0.0
	Total	13,710	21	1.6	2	0.1	8,710	22	2.5	-	0.0
Salford	Under 35	6,000	9	1.5	-	0.0	3,770	4	1.1	-	0.0
	35 and over	5,960	9	1.5	7	1.2	3,720	6	1.6	-	0.0
	Total	11,970	18	1.5	7	0.6	7,490	10	1.3	-	0.0
Sheffield	Under 35	41,740	84	2.0	3	0.1	43,880	108	2.5	-	0.0
	35 and over	41,850	132	3.2	77	1.8	21,060	31	1.5	6	0.3
	Total	83,590	216	2.6	80	1.0	64,910	139	2.1	6	0.1
Smethwick	Under 35	4,080	4	1.0	-	0.0	3,280	3	0.9	-	0.0
	35 and over	3,670	5	1.4	2	0.5	1,570	1	0.6	-	0.0
	Total	7,750	9	1.2	2	0.3	4,850	4	0.8	-	0.0
Southampton	Under 35	25,350	52	2.1	-	0.0	26,010	62	2.4	-	0.0
	35 and over	19,720	69	3.5	25	1.3	16,430	26	1.6	1	0.1
	Total	45,070	121	2.7	25	0.6	42,440	88	2.1	1	0.0
Southend-on-Sea	Under 35	5,510	8	1.5	-	0.0	4,350	9	2.1	-	0.0
	35 and over	7,340	5	0.7	7	1.0	4,190	2	0.5	-	0.0
	Total	12,850	13	1.0	7	0.5	8,540	11	1.3	-	0.0
Southport	Under 35	6,870	2	0.3	-	0.0	8,630	4	0.5	-	0.0
	35 and over	3,260	-	0.0	3	0.9	3,090	1	0.3	-	0.0
	Total	10,130	2	0.2	3	0.3	11,720	5	0.4	-	0.0
South Shields	Under 35	5,450	17	3.1	-	0.0	8,320	19	2.3	-	0.0
	35 and over	3,540	9	2.5	2	0.6	1,990	5	2.5	-	0.0
	Total	8,970	26	2.9	2	0.2	10,310	24	2.3	-	0.0
Stockport	Under 35	9,460	21	2.2	1	0.1	7,840	20	2.6	-	0.0
	35 and over	7,640	26	3.4	11	1.4	4,200	7	1.7	1	0.2
	Total	17,100	47	2.7	12	0.7	12,040	27	2.2	1	0.1
Stoke-on-Trent	Under 35	21,920	45	2.1	-	0.0	21,510	41	1.9	-	0.0
	35 and over	19,570	66	3.4	24	1.2	12,320	22	1.8	-	0.0
	Total	41,500	111	2.7	24	0.6	33,840	63	1.9	-	0.0
Sunderland	Under 35	10,590	23	2.2	-	0.0	14,040	62	4.4	-	0.0
	35 and over	5,380	27	5.0	4	0.7	3,400	11	3.2	-	0.0
	Total	15,960	50	3.1	4	0.3	17,450	73	4.2	-	0.0
Tynemouth	Under 35	6,480	6	0.9	-	0.0	5,360	6	1.1	-	0.0
	35 and over	4,490	8	1.8	6	1.3	2,880	4	1.4	3	1.0
	Total	10,970	14	1.3	6	0.5	8,280	10	1.2	3	0.4
Wakefield	Under 35	2,850	4	1.4	-	0.0	1,470	2	1.4	-	0.0
	35 and over	2,820	7	2.5	1	0.4	1,880	-	0.0	1	0.5
	Total	5,670	11	1.9	1	0.2	3,350	2	0.6	1	0.3
Wallasey	Under 35	7,340	1	0.1	-	0.0	9,280	8	0.9	-	0.0
	35 and over	3,650	1	0.3	1	0.3	2,720	1	0.4	2	0.7
	Total	10,990	2	0.2	1	0.1	12,000	9	0.8	2	0.2
Walsall	Under 35	5,740	18	3.1	-	0.0	3,590	18	5.0	-	0.0
	35 and over	3,350	10	3.0	7	2.1	1,370	4	2.9	-	0.0
	Total	9,090	28	3.1	7	0.8	4,970	22	4.4	-	0.0
Warrington	Under 35	6,540	11	1.7	-	0.0	4,710	15	3.2	-	0.0
	35 and over	3,760	7	1.9	7	1.9	1,550	7	4.5	-	0.0
	Total	10,300	18	1.7	7	0.7	6,260	22	3.5	-	0.0
West Bromwich	Under 35	5,650	4	0.7	-	0.0	4,200	5	1.2	-	0.0
	35 and over	4,120	8	1.9	1	0.2	2,110	-	0.0	-	0.0
	Total	9,750	12	1.2	1	0.1	6,310	5	0.8	-	0.0

Table 6(c) - *continued*

Area	Age	Males: Number of examinations	Males: Number with active t.b.	Males: Rate	Males: Number with cancer of lung	Males: Rate	Females: Number of examinations	Females: Number with active t.b.	Females: Rate	Females: Number with cancer of lung	Females: Rate
County Boroughs - continued											
West Ham	Under 35	11,040	11	1.0	-	0.0	11,000	19	1.7	-	0.0
	35 and over	7,970	25	3.1	5	0.6	5,920	4	0.7	1	0.2
	Total	19,010	35	1.9	5	0.3	16,920	23	1.4	1	0.1
West Hartlepool	Under 35	2,630	3	1.1	-	0.0	3,710	10	2.7	-	0.0
	35 and over	2,390	4	1.7	6	2.5	1,740	1	0.6	-	0.0
	Total	5,020	7	1.4	6	1.2	5,450	11	2.0	-	0.0
Wigan	Under 35	2,890	3	1.0	-	0.0	1,280	4	3.1	-	0.0
	35 and over	1,270	2	1.6	-	0.0	600	-	0.0	-	0.0
	Total	4,160	5	1.2	-	0.0	1,880	4	2.1	-	0.0
Wolverhampton	Under 35	13,380	27	2.0	-	0.0	14,710	60	4.1	-	0.0
	35 and over	8,860	24	2.7	8	0.9	6,140	5	0.8	1	0.2
	Total	22,250	51	2.3	8	0.4	20,850	65	3.1	1	0.0
Worcester	Under 35	5,140	7	1.4	-	0.0	4,200	6	1.4	-	0.0
	35 and over	3,450	5	0.8	-	0.0	2,520	-	0.0	1	0.4
	Total	8,620	10	1.2	-	0.0	6,730	6	0.9	1	0.1
York	Under 35	6,050	3	0.5	-	0.0	5,640	3	0.5	-	0.0
	35 and over	7,090	5	0.7	3	0.4	4,240	1	0.2	-	0.0
	Total	13,140	6	0.5	3	0.2	9,880	4	0.4	-	0.0
Cardiff	Under 35	25,430	31	1.2	-	0.0	19,720	25	1.3	-	0.0
	35 and over	20,410	39	1.9	6	0.3	8,090	11	1.4	-	0.0
	Total	45,840	70	1.5	6	0.1	27,820	36	1.4	-	0.0
Merthyr Tydfil	Under 35	6,710	8	1.2	-	0.0	6,190	15	2.4	-	0.0
	35 and over	5,480	7	1.3	2	0.4	2,810	7	2.5	-	0.0
	Total	12,190	15	1.2	2	0.2	9,000	22	2.4	-	0.0
Newport (Mon.)	Under 35	8,430	14	1.7	1	0.1	7,850	9	1.1	-	0.0
	35 and over	7,590	9	1.1	8	1.0	3,910	2	0.5	1	0.3
	Total	16,320	23	1.4	9	0.6	11,760	11	0.9	1	0.1
Swansea	Under 35	15,390	26	1.7	1	0.1	20,690	40	1.9	-	0.0
	35 and over	8,550	25	2.9	12	1.4	7,300	4	0.6	1	0.1
	Total	23,940	51	2.1	13	0.5	27,990	44	1.6	1	0.4
Administrative Counties											
Bedfordshire	Under 35	17,660	26	1.5	-	0.0	14,600	19	1.3	-	0.0
	35 and over	20,730	30	1.4	13	0.6	9,440	6	0.6	1	0.1
	Total	38,390	56	1.5	13	0.3	24,040	25	1.0	1	0.0
Berkshire	Under 35	26,310	20	0.8	-	0.0	21,670	19	0.9	-	0.0
	35 and over	21,460	40	1.9	11	0.5	15,600	13	0.8	1	0.1
	Total	47,770	60	1.3	11	0.2	37,270	32	0.9	1	0.0
Buckinghamshire	Under 35	26,590	23	0.9	1	0.0	21,680	22	1.0	-	0.0
	35 and over	26,530	30	1.1	11	0.4	15,190	5	0.3	1	0.1
	Total	53,160	53	1.0	12	0.2	36,860	27	0.7	1	0.0
Cambridgeshire	Under 35	21,940	29	1.3	1	0.0	15,550	23	1.5	-	0.0
	35 and over	12,300	17	1.4	5	0.4	6,250	6	1.0	1	0.2
	Total	34,250	46	1.3	6	0.2	21,800	29	1.3	1	0.0
Cheshire	Under 35	52,820	66	1.2	-	0.0	40,440	52	1.3	1	0.0
	35 and over	46,700	75	1.6	21	0.4	25,570	22	0.9	5	0.2
	Total	99,520	141	1.4	21	0.2	66,010	74	1.1	6	0.1
Cornwall	Under 35	18,380	23	1.3	-	0.0	15,360	33	1.8	1	0.1
	35 and over	11,490	30	2.6	8	0.7	10,220	18	1.6	2	0.2
	Total	29,870	53	1.6	8	0.3	25,580	51	1.8	3	0.1
Cumberland	Under 35	27,450	23	0.8	-	0.0	32,190	52	1.6	-	0.0
	35 and over	18,490	30	1.6	6	0.3	15,310	27	1.8	1	0.1
	Total	45,940	53	1.2	6	0.1	47,500	79	1.7	1	0.0
Derbyshire	Under 35	49,060	41	0.8	-	0.0	37,680	31	0.8	-	0.0
	35 and over	43,420	53	1.2	32	0.7	20,490	19	0.9	3	0.1
	Total	92,490	94	1.0	32	0.3	55,180	50	0.9	3	0.1
Devon	Under 35	31,730	31	1.0	1	0.0	32,250	38	1.2	-	0.0
	35 and over	26,620	44	1.7	22	0.8	22,960	24	1.0	3	0.1
	Total	58,380	75	1.3	23	0.4	55,210	62	1.1	3	0.1
Dorset	Under 35	19,630	13	0.7	-	0.0	18,860	24	1.3	-	0.0
	35 and over	15,060	21	1.4	12	0.8	14,930	8	0.5	3	0.2
	Total	34,690	34	1.0	12	0.3	33,790	32	0.9	3	0.1

Table 8(c) - *continued*

Area	Age	Males					Females				
		Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate	Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate
Administrative Counties - continued											
Durham	Under 35	55,280	64	1.2	1	0.0	59,400	105	1.5	-	0.0
	35 and over	45,560	70	1.5	35	0.8	26,720	17	0.5	5	0.2
	Total	100,840	134	1.3	36	0.4	86,130	125	1.5	5	0.1
Ely, Isle of	Under 35	8,300	12	1.4	-	0.0	7,640	13	1.7	-	0.0
	35 and over	5,000	9	1.8	3	0.5	3,920	4	1.0	-	0.0
	Total	13,300	21	1.6	3	0.2	11,560	17	1.5	-	0.0
Essex	Under 35	99,920	86	0.9	-	0.0	84,250	72	0.9	-	0.0
	35 and over	90,580	110	1.2	64	0.7	55,940	37	0.7	10	0.2
	Total	190,500	196	1.0	64	0.3	140,240	109	0.8	10	0.1
Gloucestershire	Under 35	43,450	30	0.7	-	0.0	35,410	28	0.8	1	0.0
	35 and over	32,270	40	1.2	20	0.6	17,750	11	0.6	2	0.1
	Total	75,830	70	0.9	20	0.3	53,230	39	0.7	3	0.1
Herefordshire	Under 35	5,280	5	0.9	-	0.0	4,650	4	0.9	-	0.0
	35 and over	4,810	9	1.9	3	0.6	4,030	7	1.7	1	0.2
	Total	10,100	14	1.4	3	0.3	8,700	11	1.3	1	0.1
Hertfordshire	Under 35	47,230	55	1.2	-	0.0	34,380	39	1.1	-	0.0
	35 and over	46,410	87	1.9	29	0.6	27,040	30	1.1	2	0.1
	Total	93,640	142	1.5	29	0.3	61,420	69	1.1	2	0.0
Huntingdonshire	Under 35	4,560	7	1.6	-	0.0	3,510	6	1.7	-	0.0
	35 and over	3,720	7	1.9	1	0.3	1,910	2	1.0	-	0.0
	Total	8,290	14	1.7	1	0.1	5,430	8	1.5	-	0.0
Kent	Under 35	141,530	225	1.6	1	0.0	126,230	160	1.4	-	0.0
	35 and over	117,130	347	3.0	73	0.6	88,700	183	1.8	12	0.1
	Total	258,750	572	2.2	74	0.3	215,020	343	1.6	12	0.1
Lancashire	Under 35	121,610	130	1.1	1	0.0	103,140	169	1.6	-	0.0
	35 and over	109,350	184	1.7	86	0.8	75,840	54	0.7	13	0.2
	Total	230,950	314	1.4	87	0.4	179,110	223	1.2	13	0.1
Leicestershire	Under 35	26,020	24	1.0	-	0.0	17,580	14	0.8	-	0.0
	35 and over	15,640	19	1.1	13	0.8	9,580	7	0.7	-	0.0
	Total	41,660	43	1.0	13	0.3	27,350	21	0.8	-	0.0
Lincolnshire (Parts of Holland)	Under 35	5,120	2	0.4	-	0.0	4,440	-	0.0	-	0.0
	35 and over	1,420	-	0.0	-	0.0	970	-	0.0	-	0.0
	Total	6,540	2	0.3	-	0.0	5,410	-	0.0	-	0.0
Lincolnshire (Parts of Kesteven)	Under 35	10,240	13	1.3	-	0.0	8,890	11	1.2	-	0.0
	35 and over	7,560	20	2.6	2	0.3	6,020	7	1.2	1	0.2
	Total	17,800	33	1.9	2	0.1	14,910	18	1.2	1	0.1
Lincolnshire (Parts of Lindsey)	Under 35	16,190	13	0.7	-	0.0	12,480	11	0.9	-	0.0
	35 and over	15,540	14	1.0	13	0.8	6,000	2	0.3	1	0.2
	Total	31,730	27	0.9	13	0.4	18,480	13	0.7	1	0.1
London A.C.	Under 35	226,340	425	1.9	2	0.0	212,450	409	1.9	-	0.0
	35 and over	156,230	689	4.1	210	1.3	124,780	196	1.6	33	0.3
	Total	362,700	1,116	2.8	212	0.6	337,330	605	1.8	33	0.1
Middlesex	Under 35	145,580	135	0.9	1	0.0	129,240	165	1.3	-	0.0
	35 and over	139,220	215	1.5	112	0.8	98,510	74	0.8	13	0.1
	Total	284,960	352	1.2	113	0.4	227,870	239	1.0	13	0.1
Norfolk	Under 35	18,710	8	0.4	-	0.0	16,270	23	1.4	-	0.0
	35 and over	14,910	18	1.2	5	0.3	9,700	5	0.5	3	0.3
	Total	33,620	26	0.8	5	0.1	25,980	28	1.1	3	0.1
Northamptonshire	Under 35	25,210	24	1.0	-	0.0	15,380	24	1.6	-	0.0
	35 and over	26,550	48	1.8	20	0.8	15,480	7	0.5	-	0.0
	Total	51,760	72	1.4	20	0.4	38,850	31	0.8	-	0.0
Northumberland	Under 35	37,170	23	0.6	-	0.0	35,540	54	1.5	2	0.1
	35 and over	28,320	32	1.1	24	0.8	23,430	21	0.9	3	0.1
	Total	65,490	55	0.8	24	0.4	59,070	75	1.2	5	0.1
Nottinghamshire	Under 35	45,920	51	1.1	-	0.0	43,900	67	1.5	-	0.0
	35 and over	28,510	49	1.7	19	0.7	16,830	12	0.7	2	0.1
	Total	74,430	100	1.3	19	0.3	60,730	79	1.3	2	0.0
Oxfordshire	Under 35	17,340	18	1.0	-	0.0	10,450	16	1.5	-	0.0
	35 and over	13,210	28	2.1	13	1.0	7,790	14	1.8	1	0.1
	Total	30,550	46	1.5	13	0.4	18,240	30	1.6	1	0.1
Peterborough, Soke of	Under 35	4,320	9	2.1	-	0.0	2,450	4	1.6	-	0.0
	35 and over	5,380	9	1.5	2	0.4	1,560	1	0.6	-	0.0
	Total	9,700	18	1.9	2	0.2	4,010	5	1.2	-	0.0

Table 8(c) - *continued*

Area	Age	Males					Females				
		Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate	Number of examinations	Number with active t.b.	Rate	Number with cancer of lung	Rate
Administrative Counties - continued											
Rutland	Under 35	3,380	2	0.6	-	0.0	1,680	-	0.0	-	0.0
	35 and over	970	2	2.1	-	0.0	940	1	1.1	-	0.0
	Total	4,350	4	0.9	-	0.0	2,620	1	0.4	-	0.0
Shropshire	Under 35	12,740	13	1.0	-	0.0	9,160	12	1.3	-	0.0
	35 and over	7,510	9	1.2	7	0.9	6,080	8	1.3	-	0.0
	Total	20,670	22	1.1	7	0.3	15,230	20	1.3	-	0.0
Somerset	Under 35	35,410	28	0.8	-	0.0	32,360	30	0.9	-	0.0
	35 and over	30,600	23	0.7	14	0.5	22,770	15	0.7	3	0.1
	Total	66,230	51	0.8	14	0.2	56,130	45	0.8	3	0.1
Southampton	Under 35	46,680	53	1.1	1	0.0	45,360	65	1.4	1	0.0
	35 and over	44,340	88	2.0	39	0.9	33,120	31	0.9	3	0.1
	Total	93,040	141	1.5	40	0.4	78,490	96	1.2	4	0.1
Staffordshire	Under 35	65,440	94	1.5	1	0.0	55,240	109	2.0	-	0.0
	35 and over	46,010	90	1.9	26	0.5	30,330	44	1.5	2	0.1
	Total	111,560	184	1.6	27	0.2	85,640	153	1.8	2	0.0
Suffolk, East	Under 35	11,980	10	0.8	1	0.1	10,240	10	1.0	-	0.0
	35 and over	10,700	10	0.9	6	0.6	6,180	3	0.5	2	0.3
	Total	22,680	20	0.9	7	0.3	16,420	13	0.8	2	0.1
Suffolk, West	Under 35	6,090	1	0.2	-	0.0	5,400	2	0.4	-	0.0
	35 and over	4,710	3	0.6	4	0.9	3,090	4	1.3	-	0.0
	Total	10,800	4	0.4	4	0.4	8,490	6	0.7	-	0.0
Surrey	Under 35	91,620	110	1.2	2	0.0	78,220	102	1.3	-	0.0
	35 and over	106,220	151	1.4	88	0.8	76,380	48	0.6	14	0.2
	Total	197,910	261	1.3	90	0.6	154,660	150	1.0	14	0.1
Sussex, East	Under 35	18,460	21	1.1	1	0.1	17,220	24	1.4	-	0.0
	35 and over	16,380	37	2.3	18	1.1	14,100	21	1.5	1	0.1
	Total	34,850	58	1.7	19	0.5	31,320	45	1.4	1	0.0
Sussex, West	Under 35	16,500	16	1.0	1	0.1	15,000	16	1.1	-	0.0
	35 and over	16,450	31	1.9	16	1.0	15,640	10	0.6	3	0.2
	Total	32,950	47	1.4	17	0.5	30,660	26	0.8	3	0.1
Warwickshire	Under 35	33,620	56	1.7	-	0.0	24,160	44	1.8	-	0.0
	35 and over	30,750	41	1.3	30	1.0	13,330	11	0.8	1	0.1
	Total	64,850	97	1.5	30	0.5	37,490	55	1.5	1	0.0
Westmorland	Under 35	3,930	1	0.3	-	0.0	4,230	3	0.7	1	0.2
	35 and over	3,200	4	1.3	2	0.8	2,640	2	0.8	1	0.4
	Total	7,140	5	0.7	2	0.3	6,890	5	0.7	2	0.3
Wight, Isle of	Under 35	4,280	3	0.7	-	0.0	2,570	5	1.9	-	0.0
	35 and over	4,950	6	1.2	6	1.2	3,890	2	0.5	2	0.5
	Total	9,230	9	1.0	6	0.7	6,460	7	1.1	2	0.3
Wiltshire	Under 35	30,730	27	0.9	-	0.0	27,410	27	1.0	-	0.0
	35 and over	27,080	47	1.7	17	0.6	17,360	14	0.8	2	0.1
	Total	57,810	74	1.3	17	0.3	44,780	41	0.9	2	0.0
Worcestershire	Under 35	26,410	25	0.9	-	0.0	23,550	28	1.2	-	0.0
	35 and over	18,610	26	1.4	10	0.5	13,980	3	0.2	1	0.1
	Total	45,260	51	1.1	10	0.2	37,540	31	0.8	1	0.0
Yorkshire, East Riding	Under 35	9,400	13	1.4	-	0.0	9,260	23	2.5	-	0.0
	35 and over	11,590	8	0.7	5	0.4	8,450	3	0.4	4	0.5
	Total	20,920	21	1.0	5	0.2	17,710	26	1.5	4	0.2
Yorkshire, North Riding	Under 35	12,960	7	0.5	-	0.0	14,600	10	0.7	-	0.0
	35 and over	12,090	15	1.2	11	0.9	10,060	7	0.7	-	0.0
	Total	25,090	22	0.9	11	0.4	24,670	17	0.7	-	0.0
Yorkshire, West Riding	Under 35	68,030	108	1.6	-	0.0	60,330	85	1.4	1	0.0
	35 and over	76,050	134	1.8	62	0.8	46,410	42	0.9	3	0.1
	Total	144,090	242	1.7	62	0.4	106,750	127	1.2	4	0.0
Anglesey	Under 35	4,830	8	1.7	-	0.0	4,030	3	0.7	-	0.0
	35 and over	1,710	4	2.3	1	0.6	2,000	1	0.5	1	0.5
	Total	6,540	12	1.8	1	0.2	6,030	4	0.7	1	0.2
Brecknockshire	Under 35	4,170	4	1.0	-	0.0	4,560	6	1.3	-	0.0
	35 and over	3,120	4	1.3	4	1.3	2,350	2	0.9	-	0.0
	Total	7,290	8	1.1	4	0.5	6,910	8	1.2	-	0.0
Caernarvonshire	Under 35	10,950	12	1.1	-	0.0	11,140	14	1.3	-	0.0
	35 and over	7,720	6	0.8	5	0.6	7,930	4	0.5	1	0.1
	Total	18,670	18	1.0	5	0.3	19,080	18	0.9	1	0.1

Table 8(c) - *continued*

Area	Age	Males					Females				
		Number of examinations	Number with active T.B.	Rate	Number with cancer of lung	Rate	Number of examinations	Number with active T.B.	Rate	Number with cancer of lung	Rate
Administrative Counties - continued											
Cardiganshire	Under 35	4,610	6	1.3	-	0.0	3,220	7	2.2	-	0.0
	35 and over	1,360	2	1.5	1	0.7	1,130	2	1.8	-	0.0
	Total	5,970	8	1.3	1	0.2	4,350	9	2.1	-	0.0
Carmarthenshire	Under 35	13,510	26	1.9	-	0.0	11,450	32	2.8	-	0.0
	35 and over	11,440	21	1.8	9	0.8	8,530	10	1.2	2	0.2
	Total	24,950	47	1.9	9	0.4	19,980	42	2.1	2	0.1
Denbighshire	Under 35	12,730	8	0.6	-	0.0	13,210	14	1.1	-	0.0
	35 and over	11,610	19	1.0	9	0.8	8,980	8	0.9	1	0.1
	Total	24,350	27	1.1	9	0.4	22,190	22	1.0	1	0.0
Flintshire	Under 35	10,840	6	0.6	-	0.0	9,340	10	1.1	-	0.0
	35 and over	9,320	17	1.8	2	0.2	5,510	1	0.2	-	0.0
	Total	20,160	23	1.1	2	0.1	14,850	11	0.7	-	0.0
Glamorganshire	Under 35	53,050	62	1.2	-	0.0	54,950	94	1.7	-	0.0
	35 and over	45,340	66	1.5	22	0.5	29,800	23	0.8	1	0.3
	Total	98,420	128	1.3	22	0.2	84,760	117	1.4	1	0.0
Merionethshire	Under 35	2,870	2	0.7	-	0.0	2,930	4	1.4	-	0.0
	35 and over	1,820	7	3.8	1	0.5	2,160	1	0.5	-	0.0
	Total	4,690	9	1.9	1	0.2	5,090	5	1.0	-	0.0
Monmouthshire	Under 35	28,520	22	0.8	1	0.0	24,480	27	1.1	-	0.0
	35 and over	24,650	31	1.3	6	0.2	12,130	10	0.8	-	0.0
	Total	53,170	53	1.0	7	0.1	36,610	37	1.0	-	0.0
Montgomeryshire	Under 35	2,860	2	0.7	-	0.0	3,210	2	0.6	-	0.0
	35 and over	2,150	3	1.4	1	0.5	2,110	-	0.0	-	0.0
	Total	5,010	5	1.0	1	0.2	5,320	2	0.4	-	0.0
Pembrokeshire	Under 35	5,240	3	0.6	-	0.0	5,100	5	1.0	-	0.0
	35 and over	2,850	3	1.1	2	0.7	2,580	2	0.8	-	0.0
	Total	8,090	6	0.7	2	0.2	7,680	7	0.9	-	0.0
Radnorshire	Under 35	670	-	0.0	-	0.0	830	1	1.2	-	0.0
	35 and over	710	3	4.2	-	0.0	850	-	0.0	-	0.0
	Total	1,380	3	2.2	-	0.0	1,680	1	0.6	-	0.0

Note. The total lines include any cases of "not stated" ages.

Table 9. Numbers of examinees recalled for large film, by sex and age, distinguishing those referred by general practitioners. Rates per 1,000 examinations

England and Wales

Note. For definitions, etc., see the General Notes.

	All ages	Under 15	15-	20-	25-	35-	55-	65 and over	Not stated
Males									
Persons referred by general practitioners									
Number recalled for large film	41,770	1,990	1,870	2,030	4,910	15,170	10,390	5,400	10
Rate per 1,000 examinations	140.7	108.9	89.3	70.4	82.8	140.9	244.5	280.2	83.3
All other examinee groups									
Number recalled for large film	190,660	10,800	20,520	13,500	26,230	73,510	32,930	12,980	190
Rate per 1,000 examinations	34.2	22.6	25.7	23.5	22.1	38.4	69.6	93.2	98.4
All examinee groups									
Number recalled for large film	232,430	12,790	22,390	15,530	31,140	88,680	43,320	18,380	200
Rate per 1,000 examinations	39.6	25.7	27.3	25.7	25.0	43.8	84.0	116.0	97.6
Females									
Persons referred by general practitioners									
Number recalled for large film	27,170	1,790	1,850	2,590	5,590	9,430	3,600	2,310	10
Rate per 1,000 examinations	95.3	97.7	58.5	64.8	81.0	105.9	149.8	194.8	100.0
All other examinee groups									
Number recalled for large film	124,040	10,080	15,400	12,600	22,350	43,280	13,420	6,780	130
Rate.per 1,000 examinations	27.8	21.8	19.6	19.8	25.5	33.3	47.0	61.8	103.2
All examinee groups									
Number recalled for large film	151,210	11,870	17,250	15,190	27,940	52,710	17,020	9,090	140
Rate per 1,000 examinations	31.9	24.7	21.0	22.4	29.5	38.0	54.9	74.8	102.9

Table 10. Numbers of examinees failing to return for large film or examination, by sex, age and examinee group. Rates per 1,000 examinations

England and Wales

Note. For definitions, etc., see the General Notes.

Examinee Group	Males									Females								
	All ages	Under 15	15-	20-	25-	35-	55-	65 and over	Not stated	All ages	Under 15	15-	20-	25-	35-	55-	65 and over	Not stated
Out-patients and in-patients of hospitals	46	1	2	-	1	20	10	12	-	36	1	-	-	3	17	6	9	-
H.M. Forces recruits	1,009	-	662	313	31	3	-	-	-	-	-	-	-	-	-	-	-	-
School children (school groups)	303	228	75	-	-	-	-	-	-	353	278	75	-	-	-	-	-	-
Contacts	149	24	13	7	21	52	17	15	-	113	21	8	12	12	43	12	5	-
Persons covered by special surveys	168	36	6	7	15	48	27	29	-	115	22	6	10	12	29	23	13	-
Persons in factories/offices (general surveys)	3,117	-	169	235	515	1,432	605	159	2	1,271	-	239	150	210	512	131	28	1
Persons in prisons, borstals, etc.	58	-	5	6	5	22	5	15	-	15	1	2	-	-	3	3	6	-
General public volunteers	2,329	34	127	164	319	890	434	360	1	2,031	41	140	166	329	757	352	246	-
Ante -natal cases	-	-	-	-	-	-	-	-	-	135	-	16	37	57	24	-	-	1
Persons residing in or employed at mental hospitals and mental institutions	118	4	2	6	14	48	20	24	-	154	7	8	6	22	47	14	48	2
All examinee groups other than persons referred by general practitioners	7,297	327	1,061	738	921	2,515	1,118	614	3	4,223	371	494	381	645	1,432	541	355	4
Rate per 1,000 examinations	1.3	0.7	1.3	1.3	0.8	1.3	2.4	4.4	1.6	1.0	0.8	0.6	0.6	0.7	1.1	1.9	3.3	3.2
Persons referred by general practitioners	1,067	61	54	78	185	350	213	125	1	601	47	42	55	111	200	73	72	1
Rate per 1,000 examinations	3.6	3.3	2.6	2.7	3.1	3.3	5.0	6.5	8.3	2.1	2.6	1.3	1.4	1.6	2.2	3.0	6.1	10.0
All examinee groups	8,364	388	1,115	816	1,106	2,865	1,331	739	4	4,824	418	536	436	756	1,632	614	427	5
Rate per 1,000 examinations	1.4	0.8	1.4	1.4	0.9	1.4	2.6	4.7	2.0	1.0	0.9	0.7	0.6	0.8	1.2	2.0	3.5	3.7